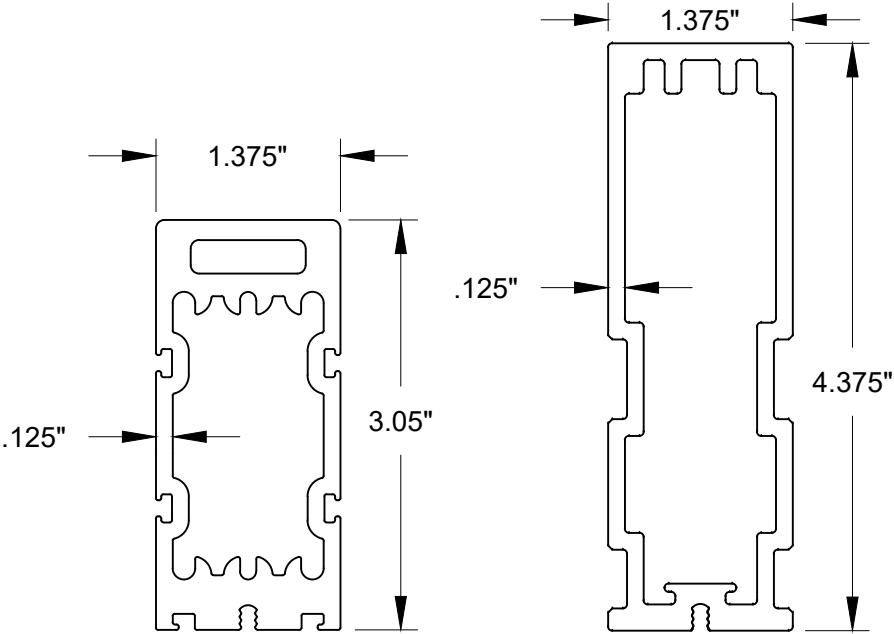




900 SERIES EXTRUDED ALUMINUM,
CLIPPED MULLIONS

- 1) THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE (FBC) STRUCTURAL REQUIREMENTS, EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
- 2) WHEN USED IN AREAS REQUIRING WIND BORNE DEBRIS PROTECTION, THIS PRODUCT (IF MULLED TOGETHER WITH IMPACT RATED WINDOWS) DOES NOT REQUIRE PROTECTION FROM AN IMPACT RESISTANT COVERING WHEN USED IN WIND ZONES 1, 2 AND 3 AS DEFINED BY ASTM E 1996.
- 3) SEPARATE PRODUCT APPROVALS FOR EACH GLAZING PRODUCT USED WITH THESE MULLIONS MUST BE SUBMITTED ALONG WITH THIS MULLION PRODUCT APPROVAL. THE DESIGN PRESSURE RATING OF THE ASSEMBLY SHALL BE THE LESSER OF THE LOAD CAPACITY OF THE MULLION AS SPECIFIED USING THIS APPROVAL OR THE DESIGN PRESSURE RATING OF THE INDIVIDUAL GLAZING PRODUCTS USED.
- 4) ANCHORING OF EACH GLAZING PRODUCT TO THE MULLION SHALL BE AS SHOWN IN THIS DRAWING OR AS SHOWN IN EACH INDIVIDUAL GLAZING PRODUCT APPROVAL, WHICHEVER IS MORE STRINGENT.
- 5) MULLION ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 6) ANY CONDITIONS NOT COVERED IN THIS EVALUATION ARE SUBJECT TO SEPARATE ENGINEERING EVALUATION.
- 7) FOR 2X STUD FRAMING CONSTRUCTION, ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.



1 6225 MULLION
(6063-T6 ALUMINUM)

2 6580 MULLION
(6063-T6 ALUMINUM)

ANCHOR TABLE:

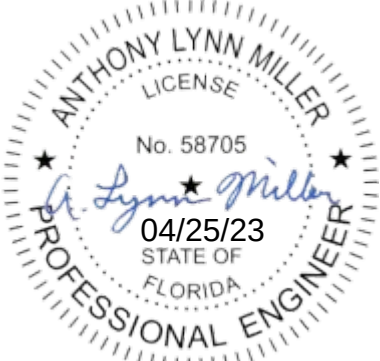
Anchor Type	Anchor Size	Min. Embedment	Min. Edge Distance	Min. O.C. Distance
DeWalt Ultracon+	3/16" or 1/4"	1-3/4"	1"	1-7/8"
Steel Wood Screw	#10 or #12	1-3/8"	1"	1"

Table of Contents	
Sheet #	Description
1	General notes
2	Typical elevations
3	Component details & cross sections
4-15	DP Tables
16	3419 Anchor bracket details
17	3418 Anchor bracket details

ANCHOR NOTES:

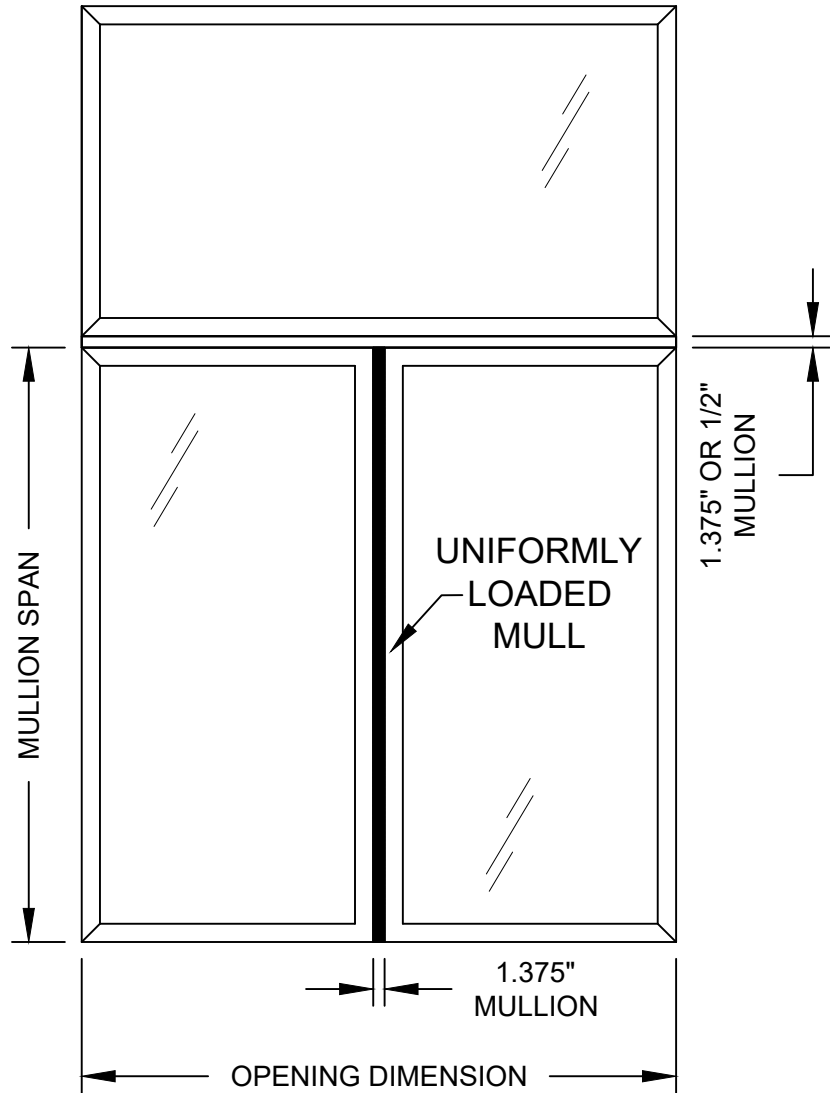
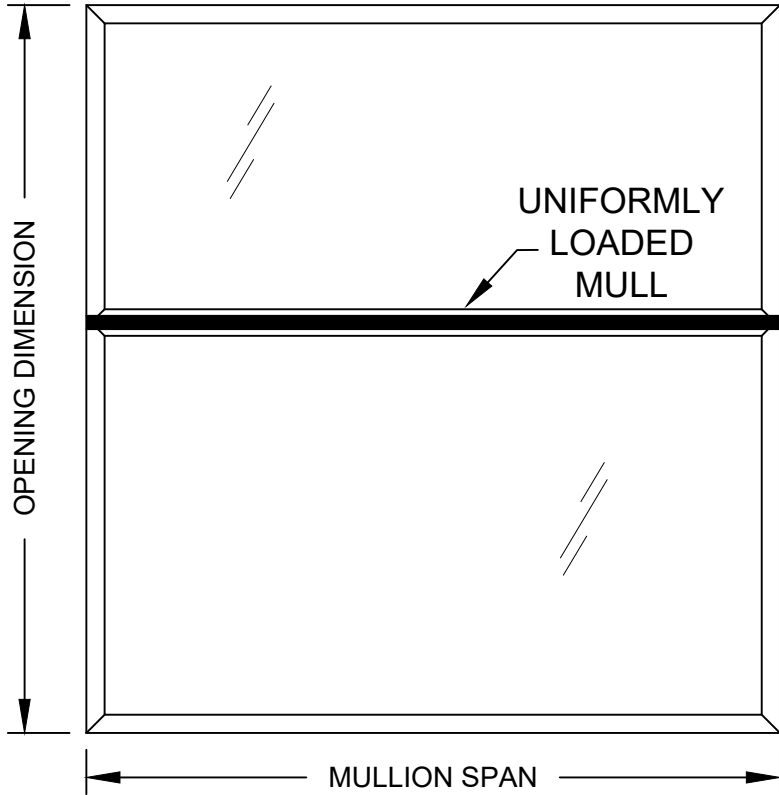
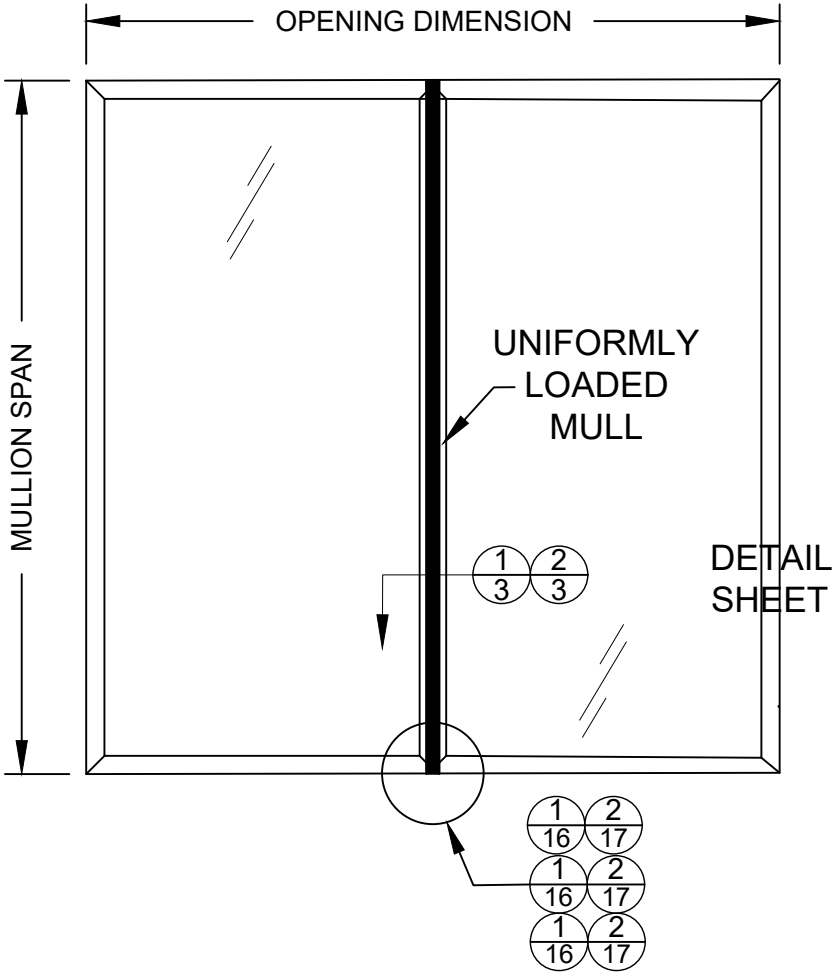
- 1) SUBSTITUTION OF EQUAL CONCRETE ANCHORS FROM A DIFFERENT SUPPLIER MAY HAVE DIFFERENT EDGE DISTANCE AND CENTER DISTANCE REQUIREMENTS.
- 2) CONCRETE SHALL BE 3K PSI CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90.

Title: ALUMINUM CLIPPED MULLION (LM)		Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296		
Description: GENERAL NOTES			Date: 04/24/23			
Revision:		Rev. By:	Rev. Date:			
Series: MULLS	Scale: NTS	Sheet: 1 OF 17	Drawing No. CGIMULLFPA-1	Rev:		

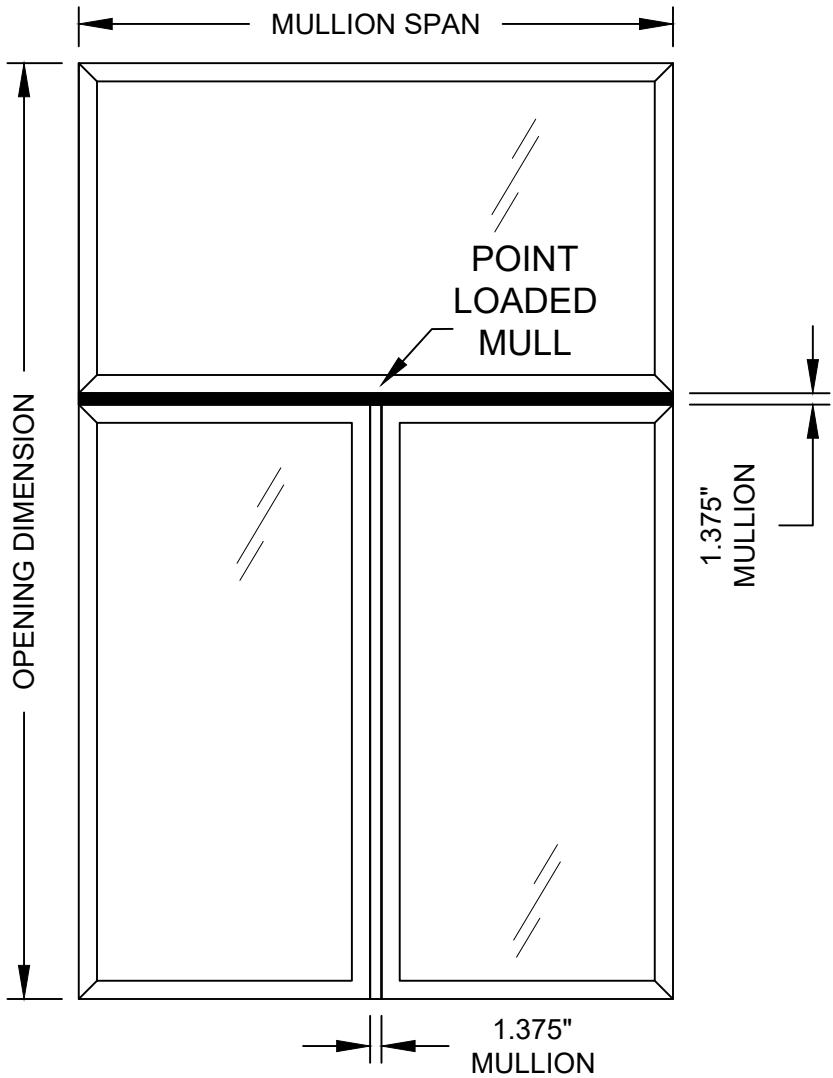


A. LYNN MILLER, P.E.
P.E.# 58705

UNIFORMLY LOADED MULLIONS
(TWIN UNIT SHOWN, MULTIPLES ALSO ALLOWED)



POINT LOADED MULLION
(TWIN UNIT SHOWN, MULTIPLES ALSO ALLOWED)

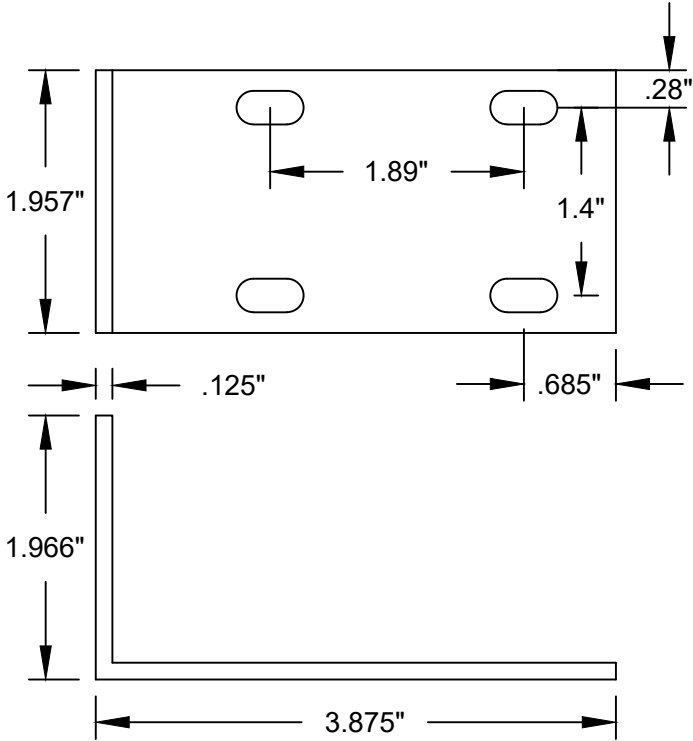


NOTE:
A POINT LOADED MULLION IS ONE THAT SUPPORTS THE END OF
ANOTHER MULLION ALONG ITS SPAN.

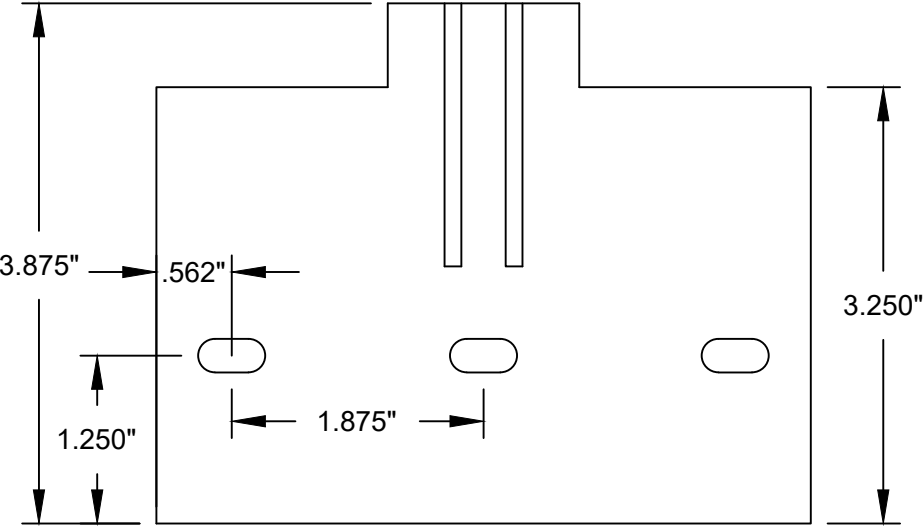
Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: TYPICAL ELEVATIONS					Date: 04/24/23	
Revision:				Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 2 OF 17	Drawing No. CGIMULLFPA-1	Rev:		



NOTE: ANCHOR BRACKETS 3418 AND 3419 ARE USED WITH THE MULLION 6225 & BRACKET F-6150 IS USED WITH MULLION 6580.



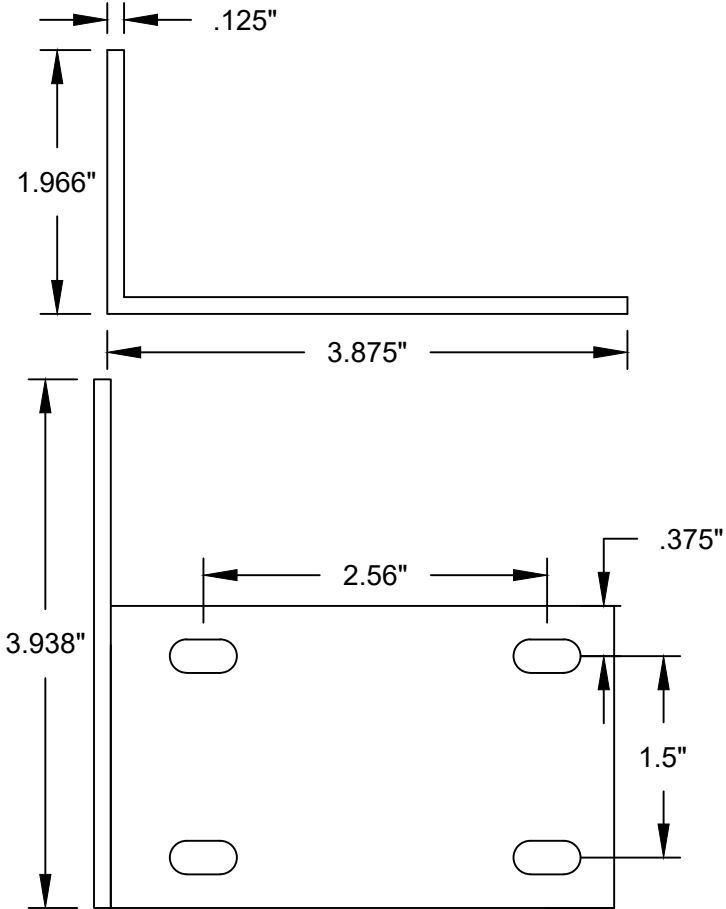
4 MULLION ANCHOR BRACKET (3418)
(6063-T6 ALUMINUM)



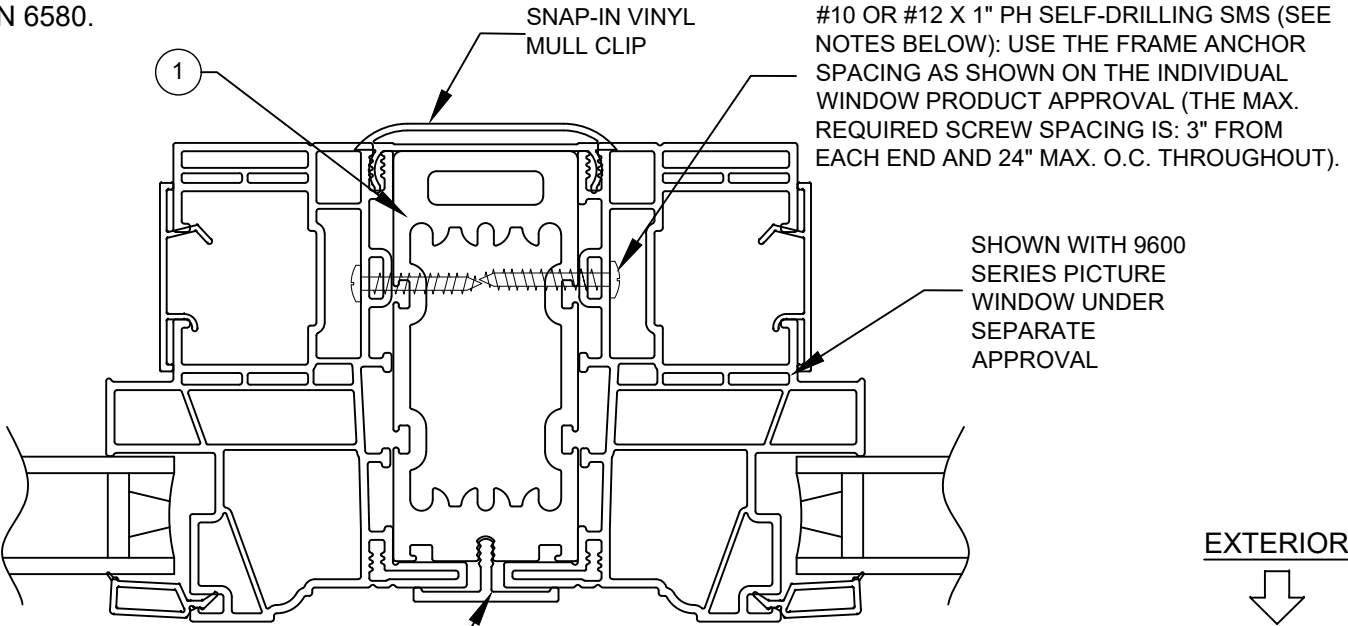
3 MULLION ANCHOR BRACKET (3419)
(6063-T6 ALUMINUM)

NOTES:
1) REFER TO INDIVIDUAL WINDOW
PRODUCT APPROVAL FOR
FABRICATION AND INSTALLATION
REQUIREMENTS, INCLUDING GLAZING
DETAILS, FRAME REINFORCEMENT
AND ANCHORING SPECIFICATIONS.

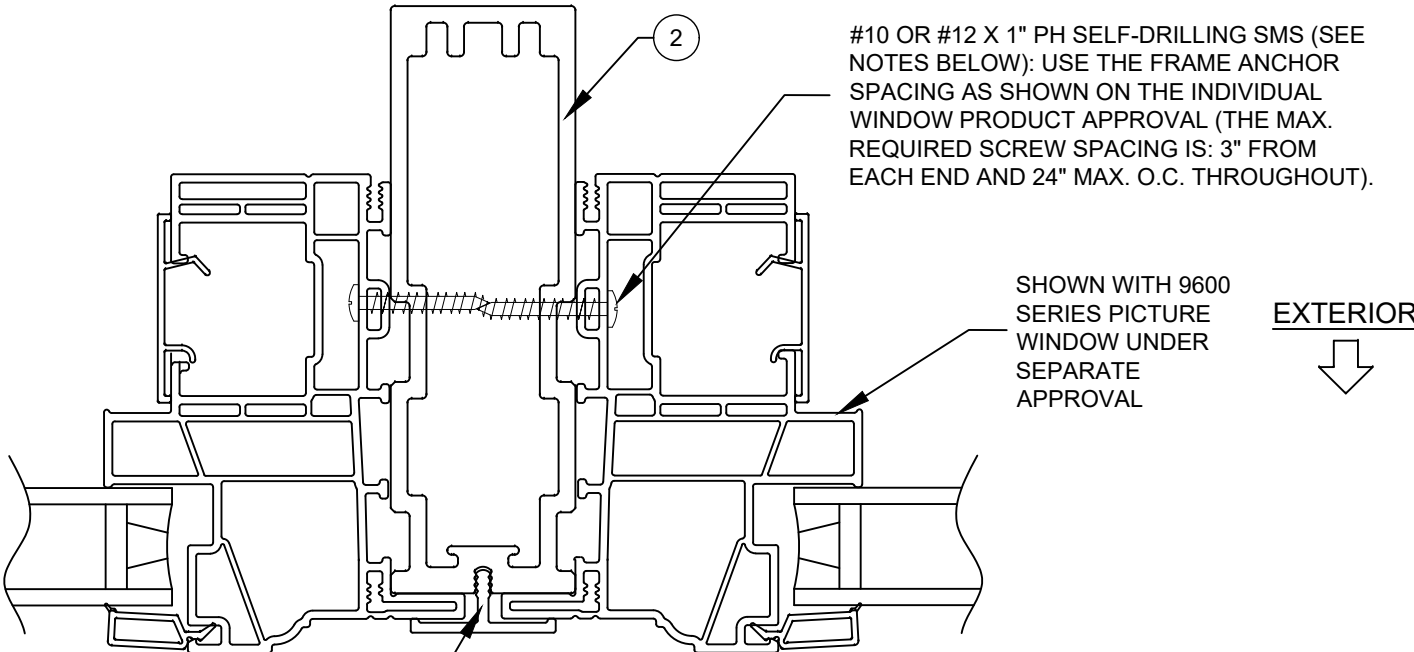
2) SHEET METAL SCREWS
(SELF-DRILLING) SHALL HAVE A
MINIMUM OF 3 THREADS PROTRUDE
COMPLETELY THROUGH THE
MULLION FRAME. MAINTAIN A MIN.
1/4" EDGE DISTANCE.



5 MULLION ANCHOR BRACKET (T-6150)
(6063-T6 ALUMINUM)

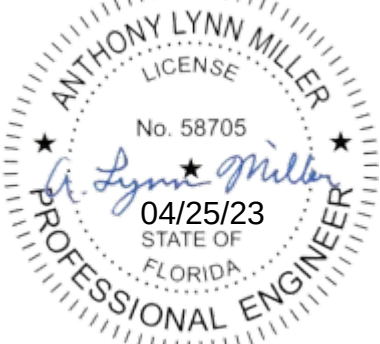


1/3 HORIZONTAL CROSS SECTION (VERT. SIMILAR)
(SHOWN WITH 6225 MULLION)

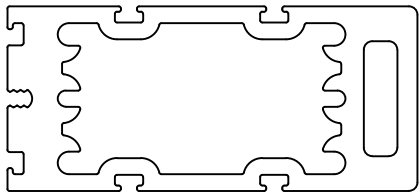
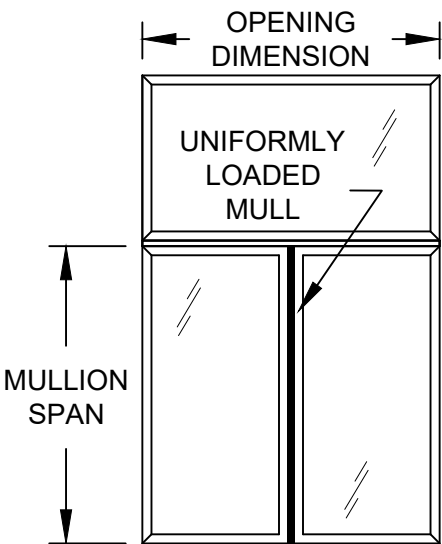


2/3 HORIZONTAL CROSS SECTION (VERT. SIMILAR)
(SHOWN WITH 6580 MULLION)

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: ANCHOR BRACKET #3418 AND #3419 DETAILS & CROSS SECTIONS				Date: 04/24/23		
Revision:			Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 3 OF 17	Drawing No. CGIMULLFPA-1		Rev:	



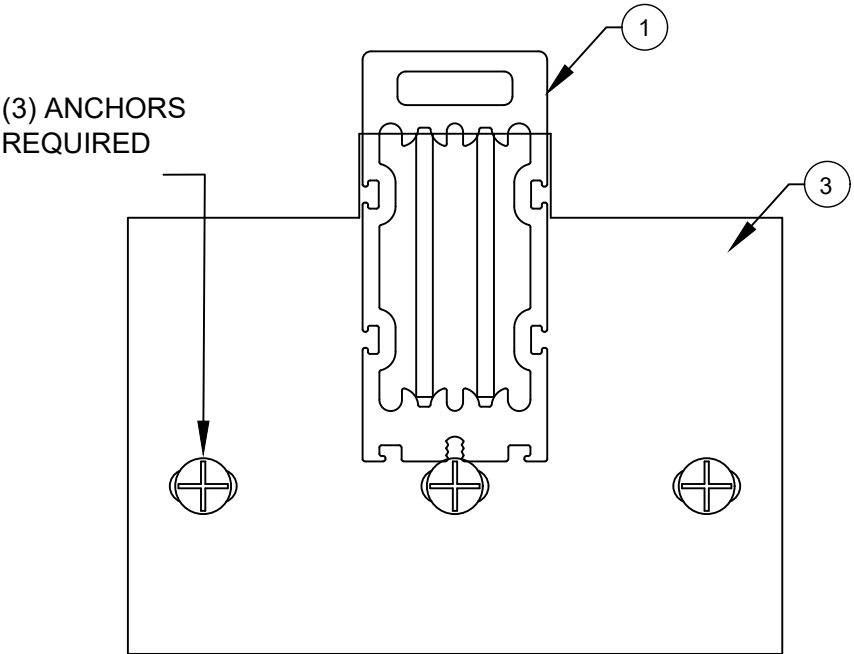
A. LYNN MILLER, P.E.
P.E.# 58705



1 6225 MULLION
(6063-T6 ALUMINUM)

DP TABLES FOR UNIFORM LOAD-- 3 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3419 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

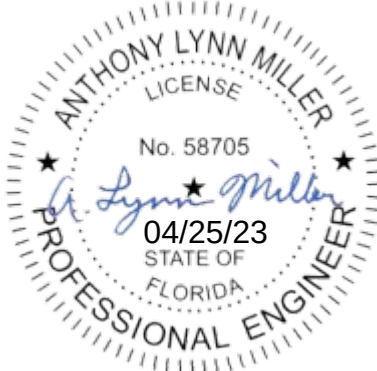
NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Uniform Loading	48 in	80	76	70	67	67	67	67	67
	54 in	76	64	59	55	53	53	53	53
	60 in	67	56	50	46	44	43	43	43
	63 in	63	52	47	43	41	39	39	39
	66 in	59	49	44	40	38	36	35	35
	69 in	56	46	41	38	35	34	32	32
	72 in	53	44	39	35	33	31	30	30



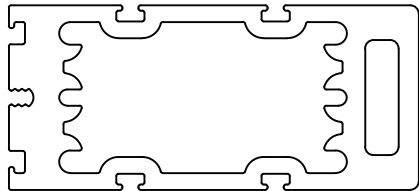
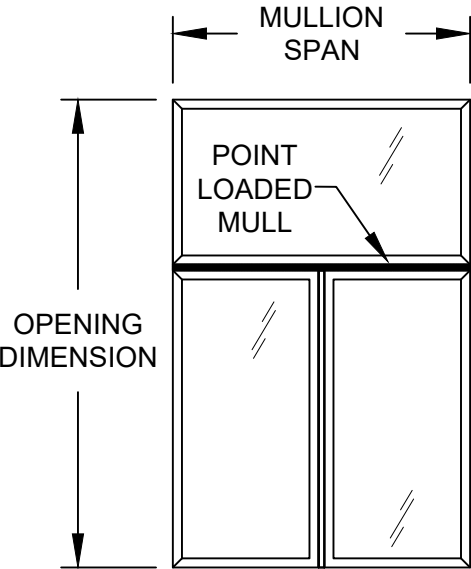
BRACKET (3419) TO MULLION DETAILS
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR
THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS
SHEET. REFER TO SHEET 16 FOR CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: DP TABLES (CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23		
Revision:				Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 4 OF 17	Drawing No. CGIMULLFPA-1	Rev:		



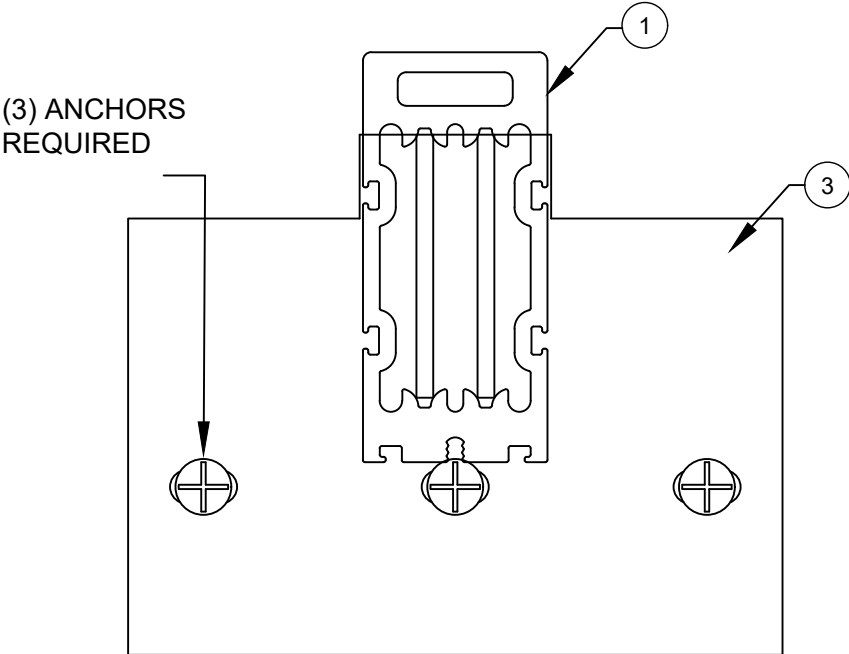
A. LYNN MILLER, P.E.
P.E.# 58705



1 6225 MULLION
(6063-T6 ALUMINUM)

DP TABLE FOR POINT LOAD-- 3 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3419 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

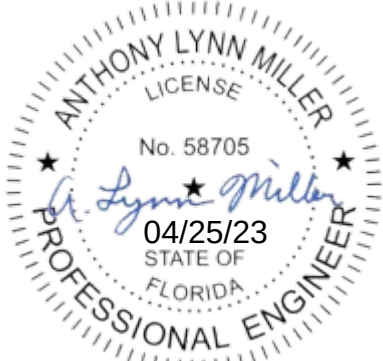
NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Point Loading	48 in	67	52	43	37	33	29	25	25
	54 in	59	46	38	33	29	26	22	22
	60 in	53	41	35	30	26	23	20	20
	63 in	51	39	33	28	25	22	19	19
	66 in	49	38	31	27	24	21	18	18
	69 in	46	36	30	26	23	20	17	17
	72 in	45	34	29	25	22	19	17	17



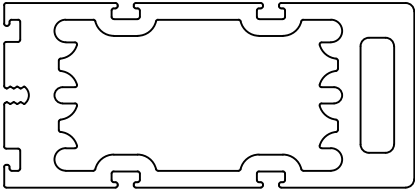
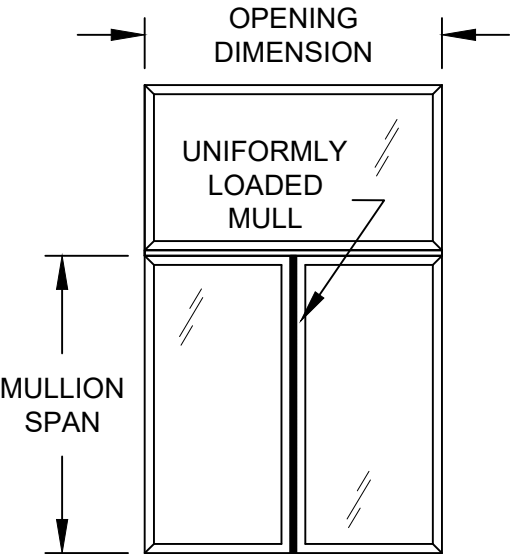
BRACKET (3419) TO MULLION DETAILS
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR
THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS
SHEET. REFER TO SHEET 16 FOR CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
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Revision:				Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 5 OF 17	Drawing No. CGIMULLFPA-1		Rev:	



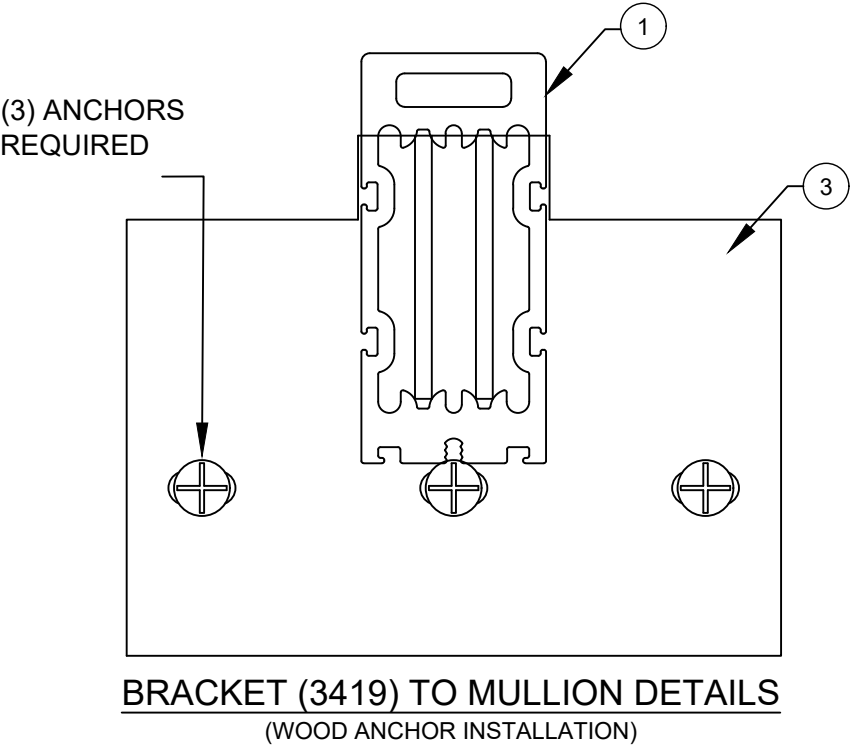
A. LYNN MILLER, P.E.
P.E.# 58705



① **6225 MULLION**
(6063-T6 ALUMINUM)

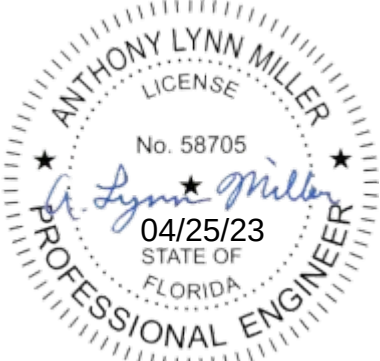
DP TABLES FOR UNIFORM LOAD-- 3 ANCHORS IN
WOOD USING BRACKET 3419 AND #10 OR #12 SMS

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	77	77

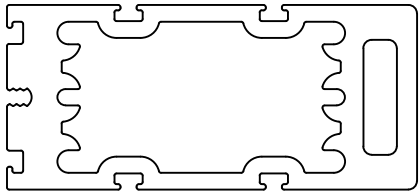
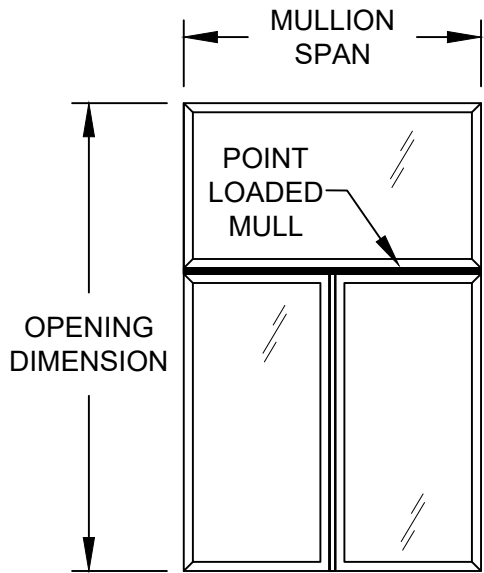


NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR
THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS
SHEET. REFER TO SHEET 16 FOR CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
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Revision:				Rev. By:	Rev. Date:	
Series: MULLS	Scale: NTS	Sheet: 6 OF 17	Drawing No. CGIMULLFPA-1	Rev:		



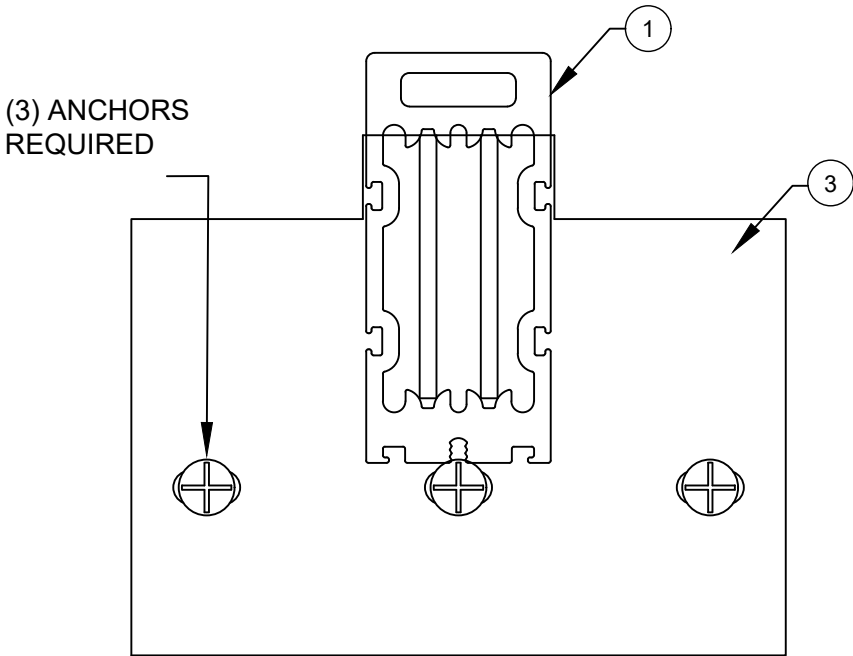
A. LYNN MILLER, P.E.
P.E.# 58705



1 6225 MULLION
(6063-T6 ALUMINUM)

DP TABLES FOR POINT LOAD-- 3 ANCHORS IN WOOD
USING BRACKET 3419 AND #10 OR #12 SMS

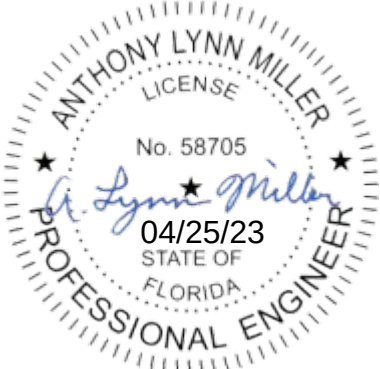
NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Point Loading	48 in	80	80	80	80	80	75	64	64
	54 in	80	80	80	80	74	66	57	57
	60 in	80	80	80	76	67	60	52	52
	63 in	80	80	80	73	64	57	49	49
	66 in	80	80	80	69	61	54	47	47
	69 in	80	80	77	66	58	52	45	45
	72 in	80	80	74	64	56	50	43	43



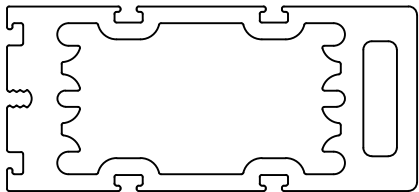
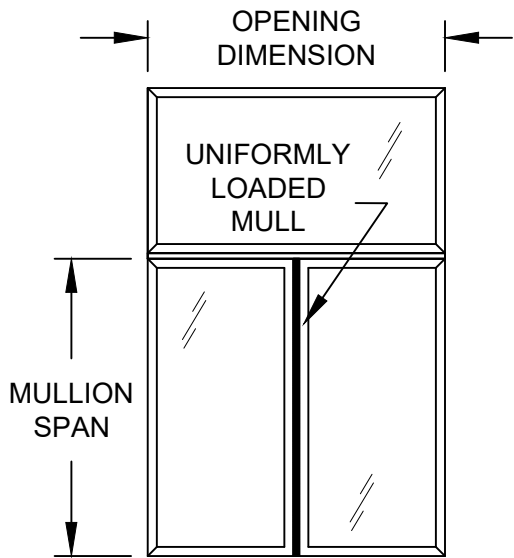
BRACKET (3419) TO MULLION DETAILS
(WOOD ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 16 FOR CROSS SECTION DETAILS.

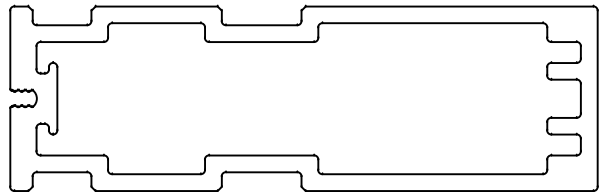
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Revision:				Rev. By:	Rev. Date:	
Series: MULLS		Scale: NTS	Sheet: 7 OF 17	Drawing No. CGIMULLFPA-1		



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P.E.# 58705



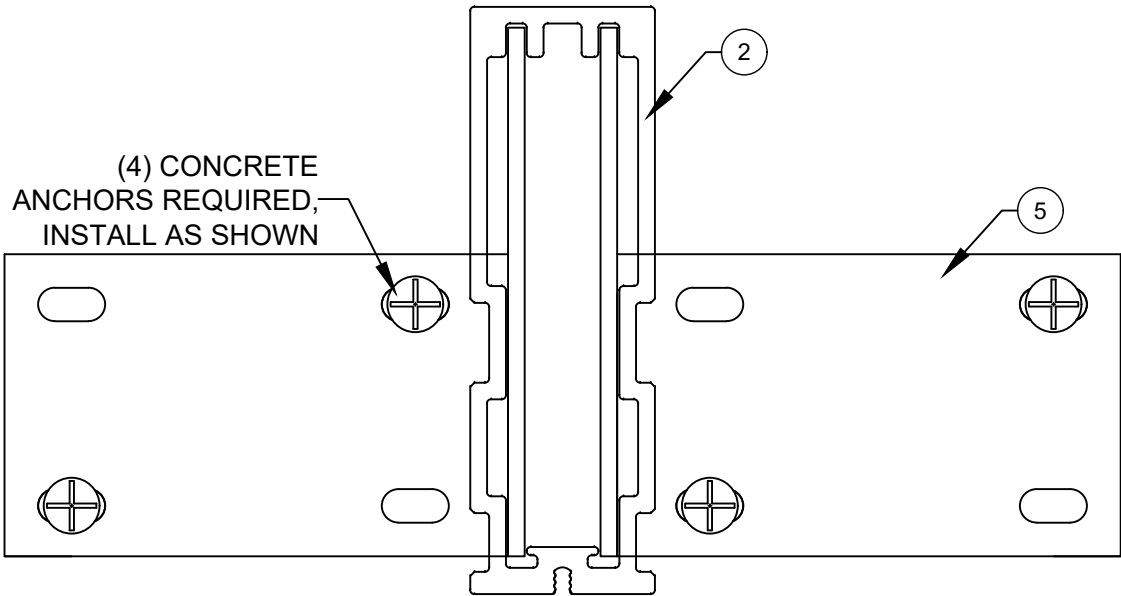
2 6225 MULLION
(6063-T6 ALUMINUM)



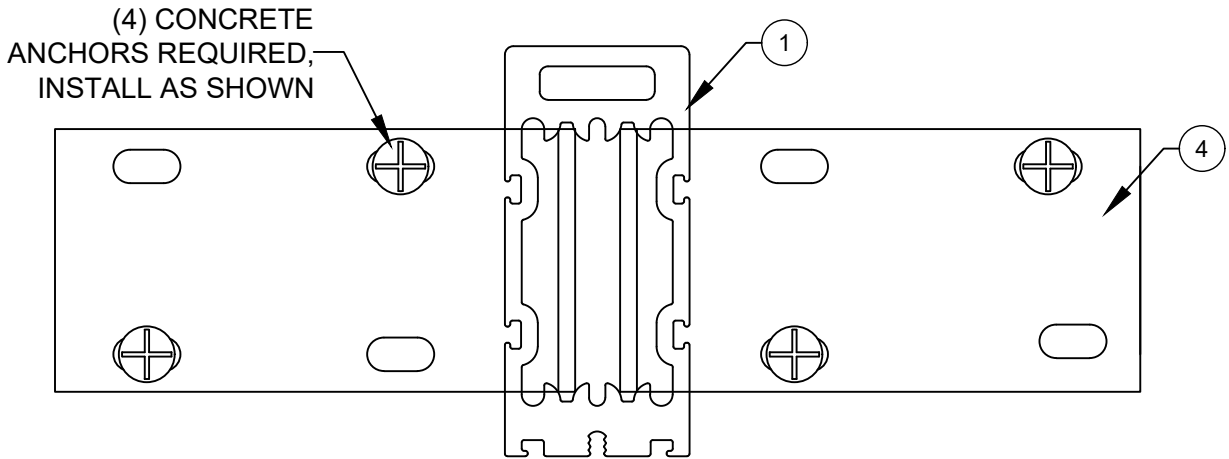
3 6580 MULLION
(6063-T6 ALUMINUM)

DP TABLE FOR UNIFORM LOAD-- 4 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3418 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mulls: 6225, 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	78	73	71	70	70	70
	60 in	80	74	67	62	59	57	57	57
	63 in	80	70	62	57	54	53	52	52
	66 in	79	65	58	54	50	48	47	47
	69 in	75	62	55	50	47	45	43	43
	72 in	71	59	52	47	44	42	40	40



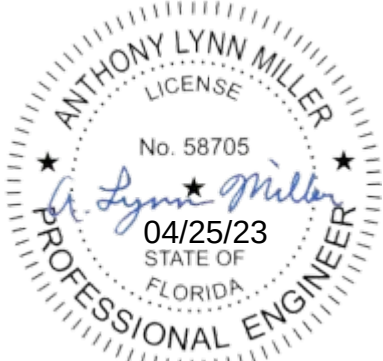
BRACKET (F-6150) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)



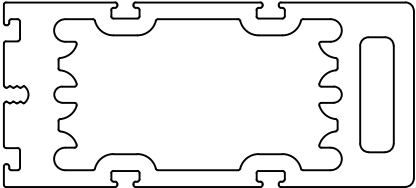
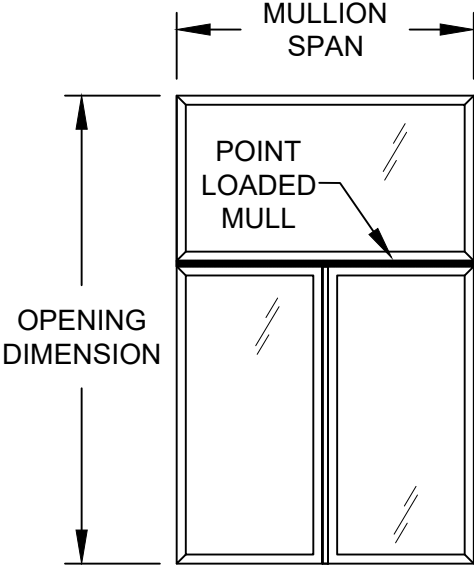
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR
THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS
SHEET. REFER TO SHEET 17 FOR CROSS SECTION DETAILS.

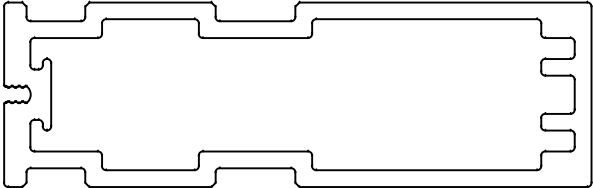
Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: DP TABLES (CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23		
Revision:			Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 8 OF 17	Drawing No. CGIMULLFPA-1		Rev:	



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P.E.# 58705



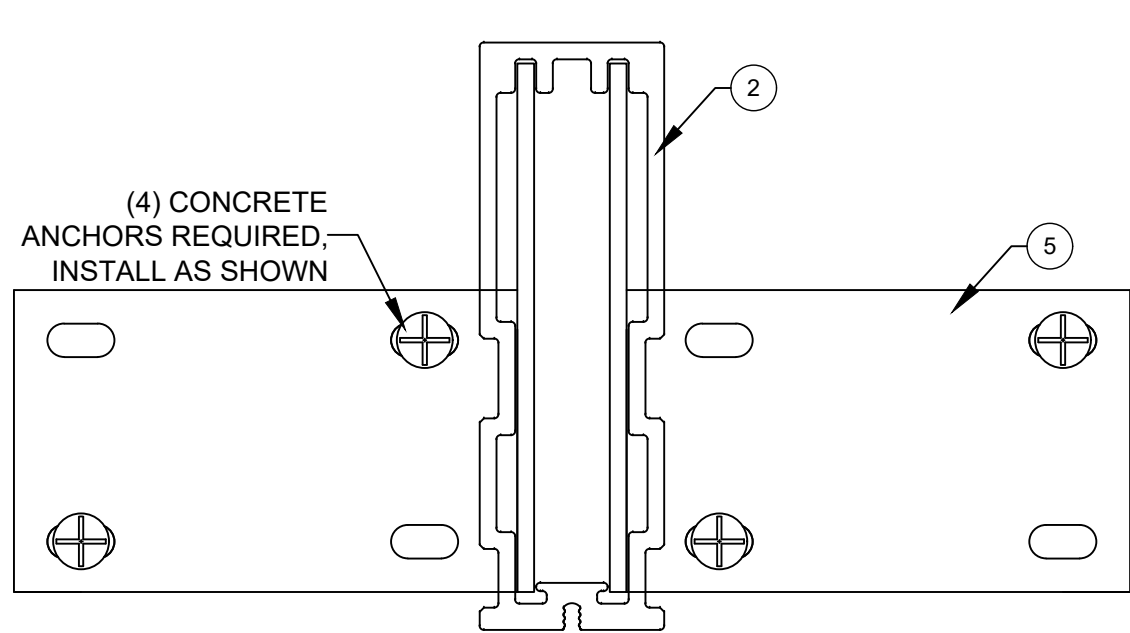
1 6225 MULLION
(6063-T6 ALUMINUM)



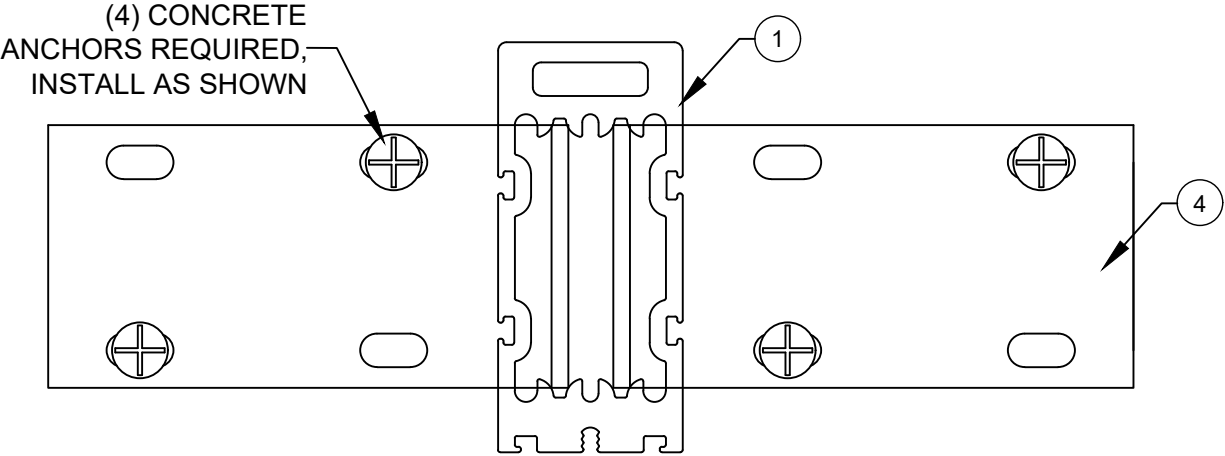
2 6580 MULLION
(6063-T6 ALUMINUM)

DP TABLE FOR POINT LOAD-- 4 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3418 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mulls: 6225, 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Point Loading	48 in	80	69	58	50	44	39	34	34
	54 in	79	61	51	44	39	35	30	30
	60 in	71	55	46	40	35	31	27	27
	63 in	68	52	44	38	33	30	26	26
	66 in	65	50	42	36	32	28	24	24
	69 in	62	48	40	35	30	27	23	23
	72 in	59	46	38	33	29	26	22	22



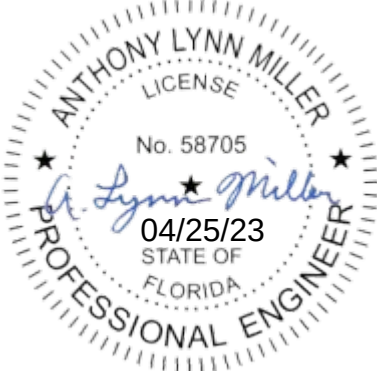
BRACKET (F-6150) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK & 3K CONCRETE ANCHOR INSTALLATION)



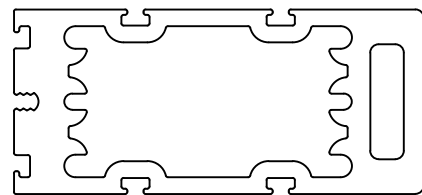
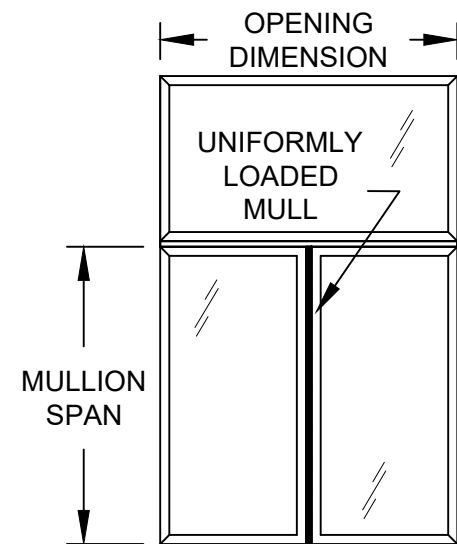
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK & 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR
THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS
SHEET. REFER TO SHEET 17 FOR CROSS SECTION DETAILS.

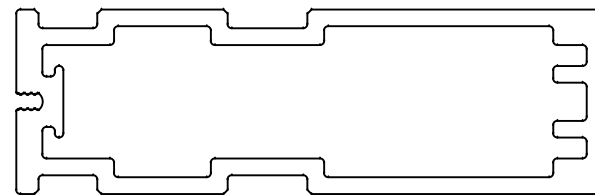
Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: DP TABLES (CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23		
Revision:			Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 9 OF 17	Drawing No. CGIMULLFPA-1		Rev:	



A. LYNN MILLER, P.E.
P.E.# 58705



1 6225 MULLION
(6063-T6 ALUMINUM)

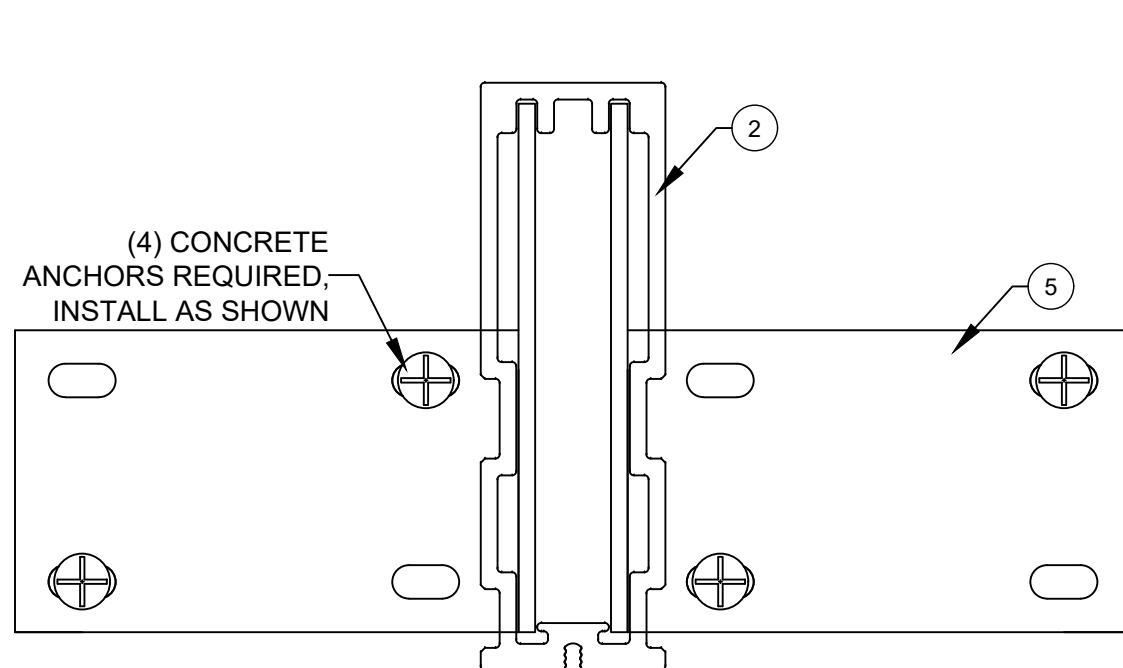


2 6580 MULLION
(6063-T6 ALUMINUM)

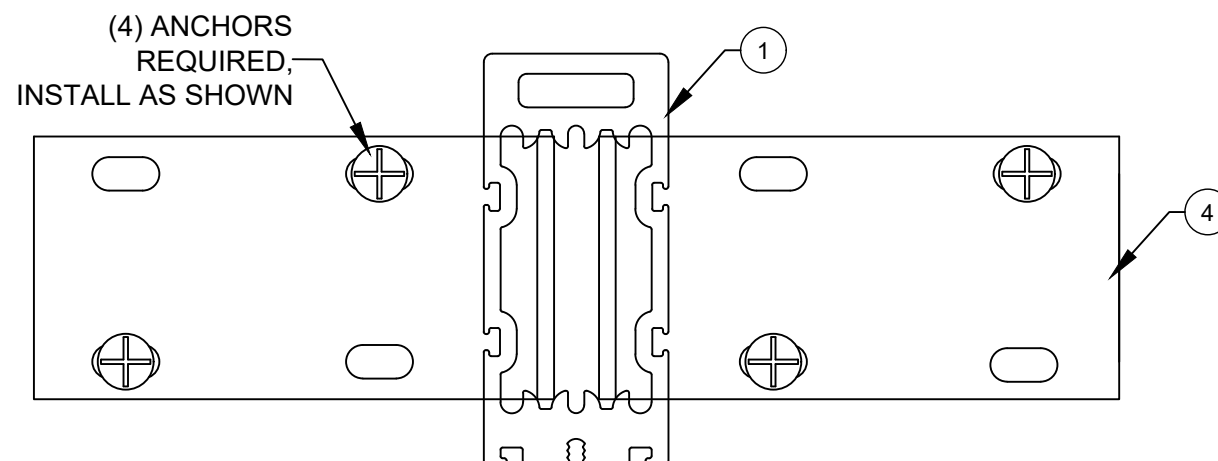
DP TABLES FOR UNIFORM LOAD-- 4 ANCHORS IN
WOOD USING BRACKET 3418 AND #10 OR #12 SMS

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	77	77

NewSouth Mull: 6850		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	80	80

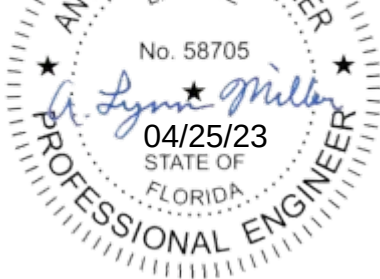


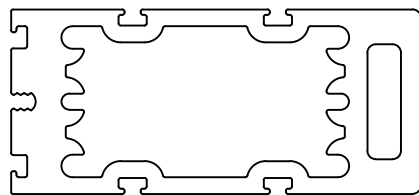
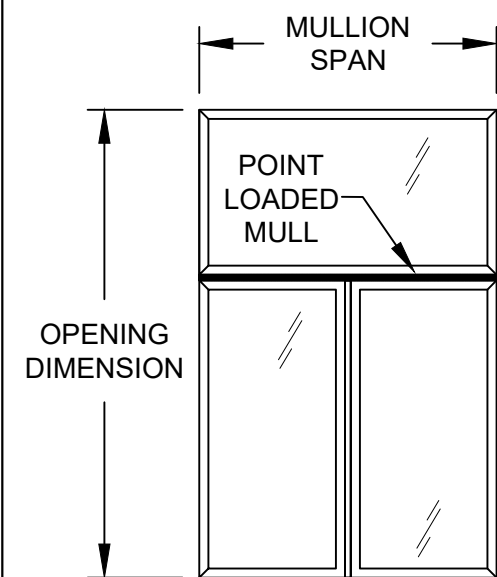
BRACKET (F-6150) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD INSTALLATION)



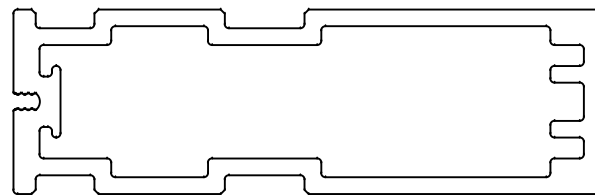
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 17 FOR CROSS SECTION DETAILS.

Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296	 A. LYNN MILLER, P.E. P.E.# 58705
Description: DP TABLES (WOOD INSTALLATION)				Date: 04/24/23			
Revision:				Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 10 OF 17	Drawing No. CGIMULLFPA-1	Rev:			



1 6225 MULLION
(6063-T6 ALUMINUM)

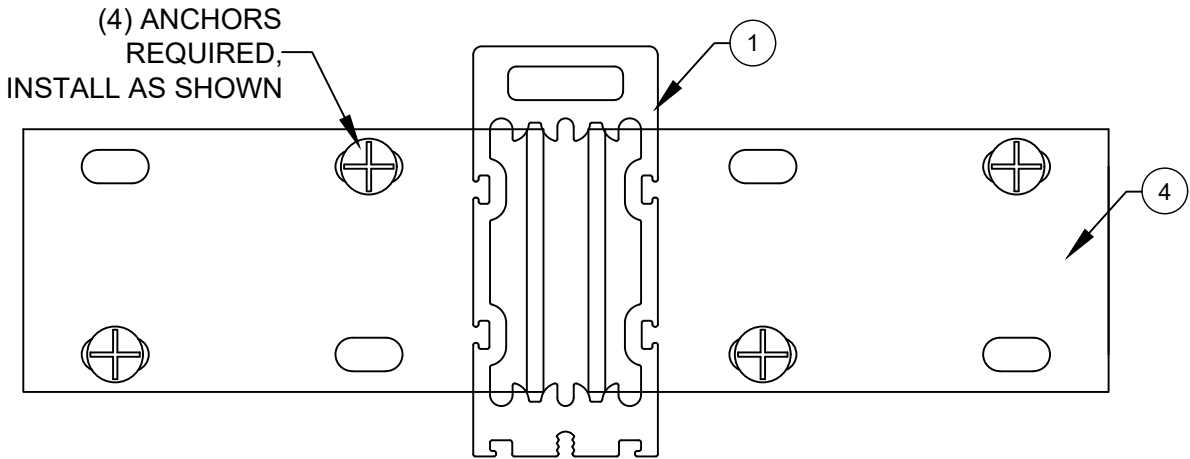


2 6580 MULLION
(6063-T6 ALUMINUM)

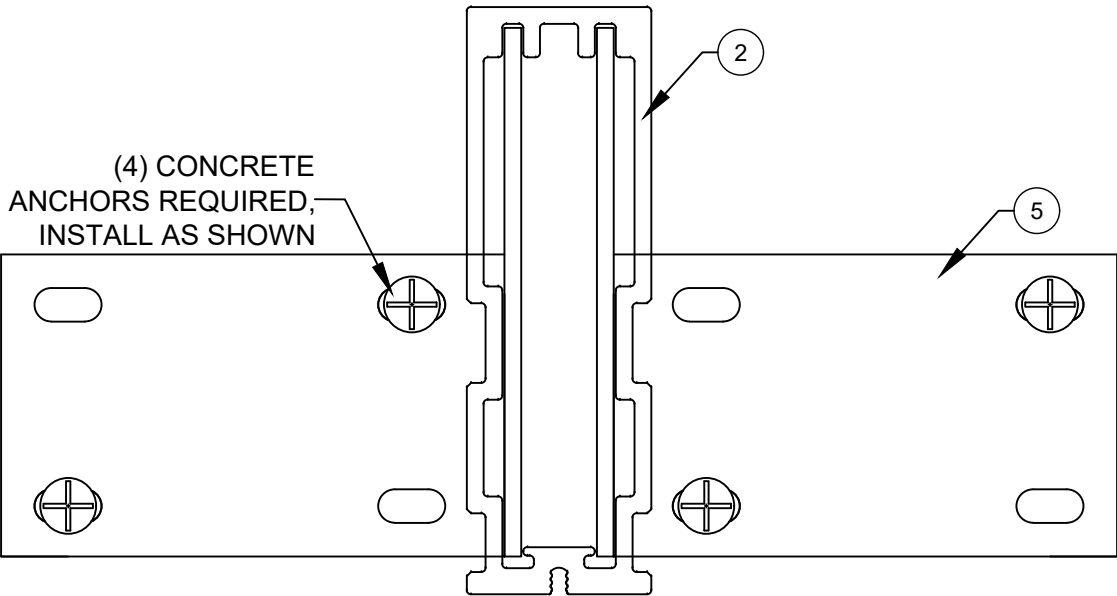
DP TABLES FOR POINT LOAD-- 4 ANCHORS IN WOOD
USING BRACKET 3418 AND #10 OR #12 SMS

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	76	76
	60 in	80	80	80	80	80	80	69	69
	63 in	80	80	80	80	80	76	65	65
	66 in	80	80	80	80	80	72	62	62
	69 in	80	80	80	80	78	69	60	60
	72 in	80	80	80	80	71	64	55	55

NewSouth Mull: 6850		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	76	76
	60 in	80	80	80	80	80	80	69	69
	63 in	80	80	80	80	80	76	65	65
	66 in	80	80	80	80	80	72	62	62
	69 in	80	80	80	80	78	69	60	60
	72 in	80	80	80	80	74	66	57	57



BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD INSTALLATION)



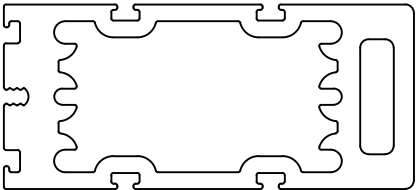
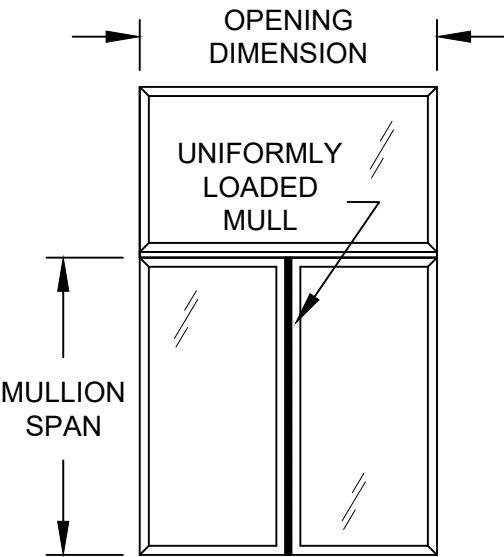
BRACKET (F-6150) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS SHEET. REFER TO SHEET 17 FOR CROSS SECTION DETAILS.

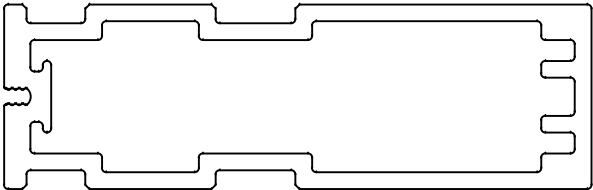
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Revision:			Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 11 OF 17	Drawing No. CGIMULLFPA-1		Rev:	

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A. LYNN MILLER, P.E.
P.E.# 58705



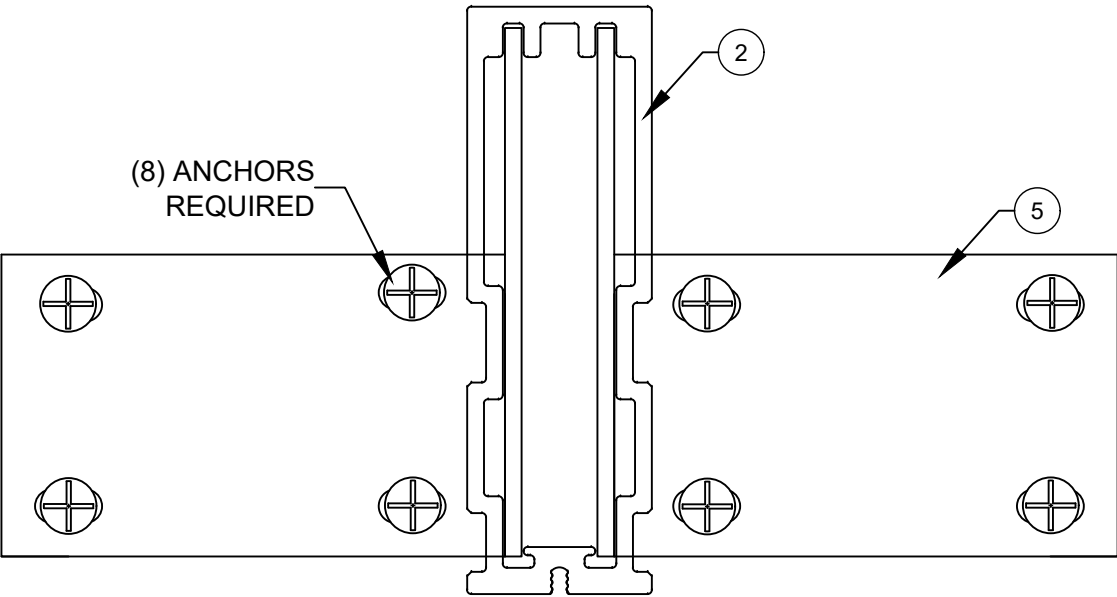
1 6225 MULLION
(6063-T6 ALUMINUM)



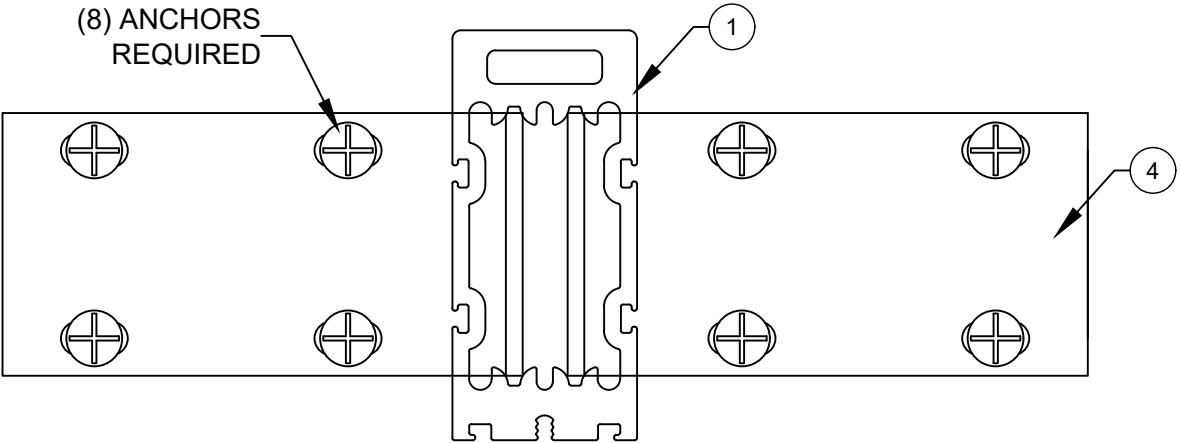
2 6580 MULLION
(6063-T6 ALUMINUM)

DP TABLES FOR UNIFORM LOAD-- 8 ANCHORS IN CONCRETE OR HOLLOW
BLOCK USING BRACKET 3418 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6225, 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	78	77	77
	66 in	80	80	80	79	75	72	70	70
	69 in	80	80	80	74	70	67	64	64
	72 in	80	80	77	70	65	62	59	59



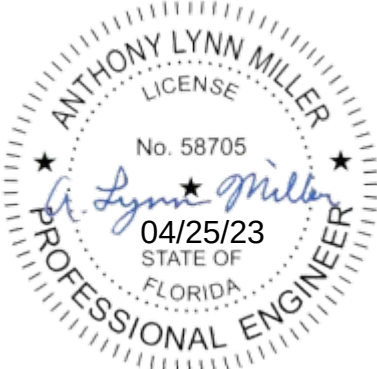
BRACKET (F-6150) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)



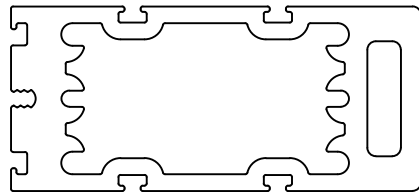
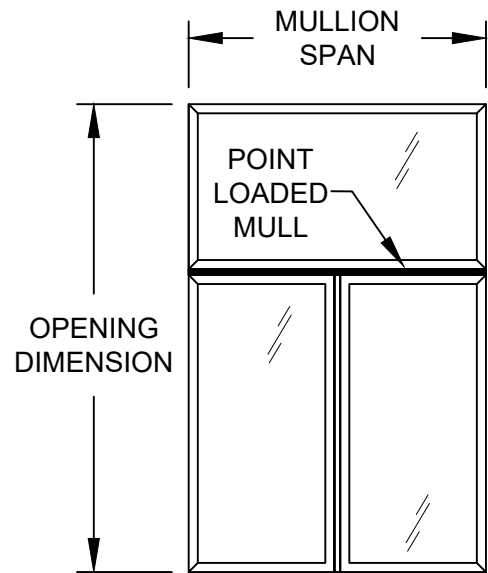
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

NOTES:
1) DESIGN PRESSURE TABLES ARE APPLICABLE ONLY FOR
THE ANCHOR BRACKET AND ANCHORS SPECIFIED ON THIS
SHEET. REFER TO SHEET 17 FOR CROSS SECTION DETAILS.

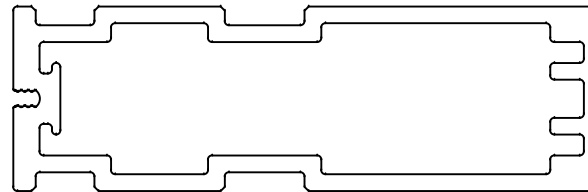
Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296	
Description: DP TABLES (CONCRETE & HOLLOW BLOCK INSTALLATION)				Date: 04/24/23			
Revision:				Rev. By:	Rev. Date:		
Series: MULLS		Scale: NTS	Sheet: 12 OF 17	Drawing No. CGIMULLFPA-1			



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P.E.# 58705



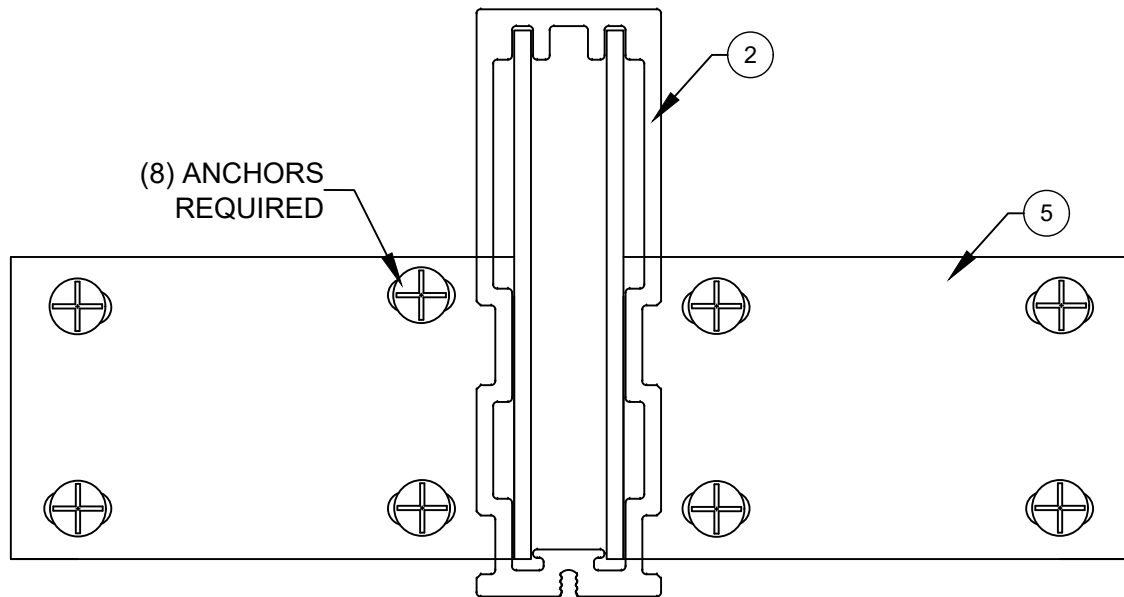
① **6225 MULLION**
(6063-T6 ALUMINUM)



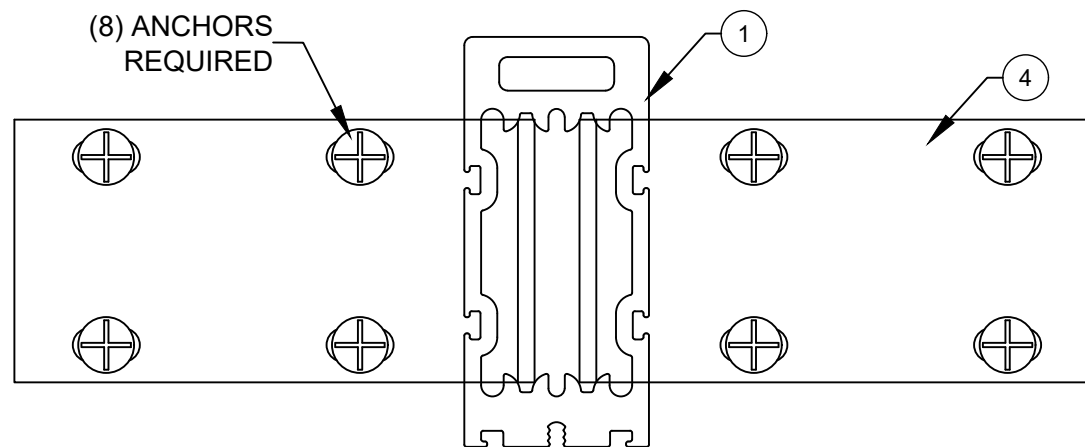
② **6580 MULLION**
(6063-T6 ALUMINUM)

DP TABLES FOR POINT LOAD-- 8 ANCHORS IN CONCRETE OR HOLLOW BLOCK USING BRACKET 3418 AND 1/4" OR 3/16" ULTRACON+ ANCHORS

NewSouth Mull: 6225, 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Vertical Mull Span Point Loading	48 in	80	80	80	74	65	58	50	50
	54 in	80	80	76	65	57	51	44	44
	60 in	80	80	68	59	52	46	40	40
	63 in	80	78	65	56	49	44	38	38
	66 in	80	74	62	54	47	42	36	36
	69 in	80	71	60	51	45	40	35	35
	72 in	80	68	57	49	43	38	33	33



BRACKET (F-6150) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

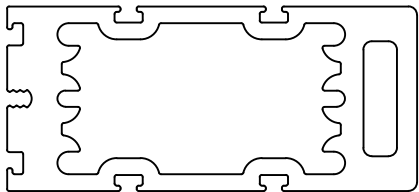
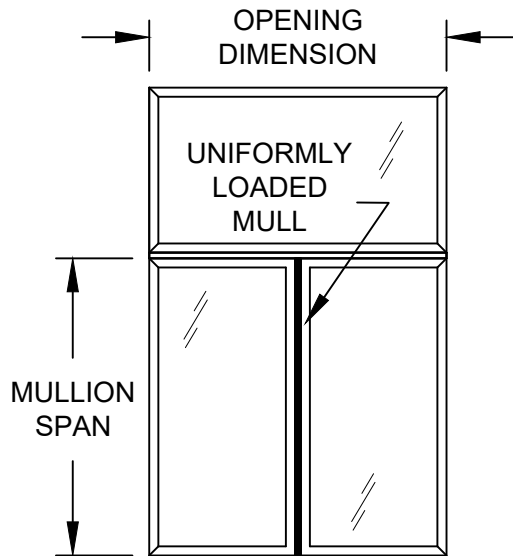


BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(HOLLOW BLOCK OR 3K CONCRETE ANCHOR INSTALLATION)

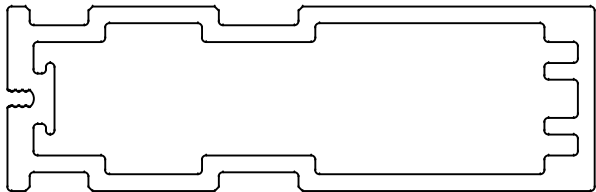
NOTES:
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Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
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Revision:				Rev. By:	Rev. Date:	
Series: MULLS		Scale: NTS	Sheet: 13 OF 17	Drawing No. CGIMULLFPA-1		





1 6225 MULLION
(6063-T6 ALUMINUM)

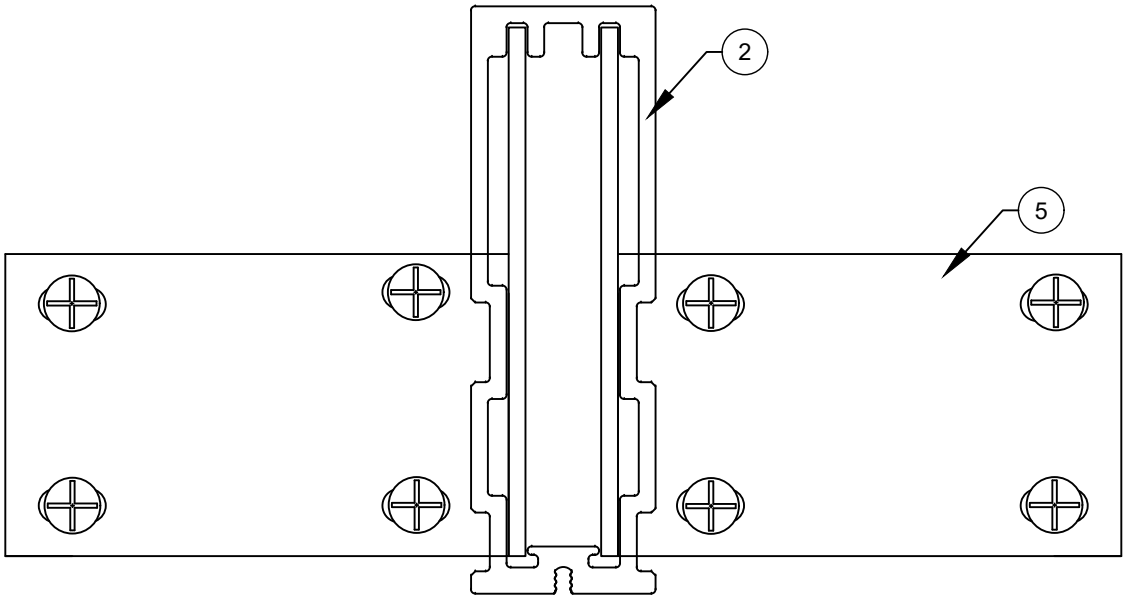


2 6580 MULLION
(6063-T6 ALUMINUM)

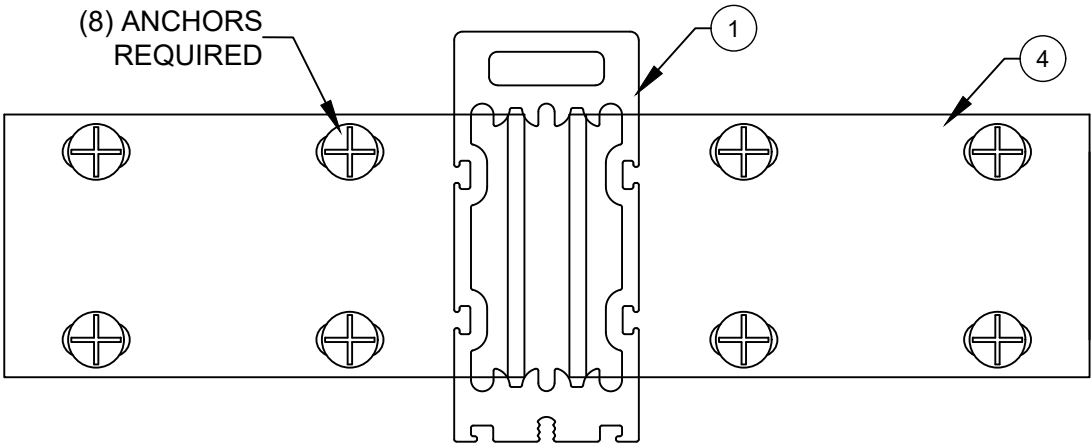
DP TABLES FOR UNIFORM LOAD-- 8 ANCHORS IN WOOD
USING BRACKET 3418 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	77	77

NewSouth Mull: 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Uniform Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	80	80



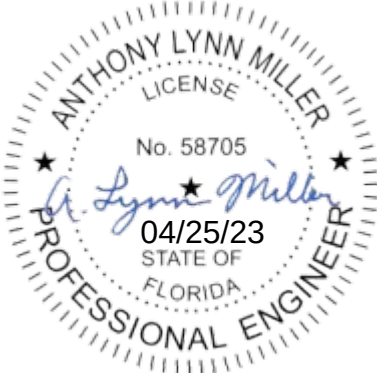
BRACKET (F-6150) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD ANCHOR INSTALLATION)



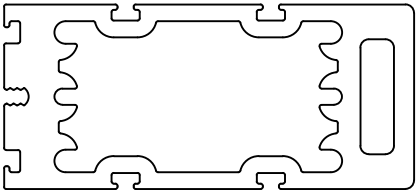
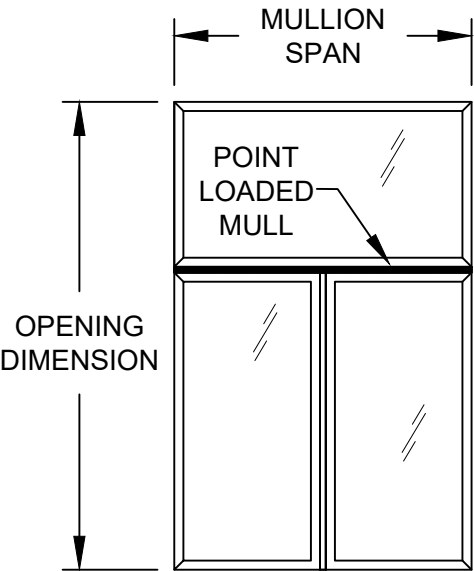
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD ANCHOR INSTALLATION)

NOTES:
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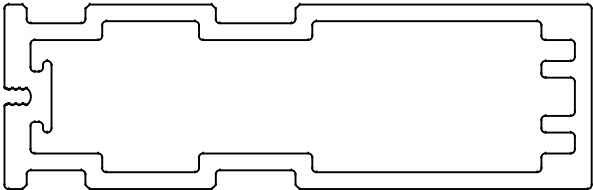
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Series: MULLS	Scale: NTS	Sheet: 14 OF 17	Drawing No. CGIMULLFPA-1		Rev:	



A. LYNN MILLER, P.E.
P.E.# 58705



1 6225 MULLION
(6063-T6 ALUMINUM)

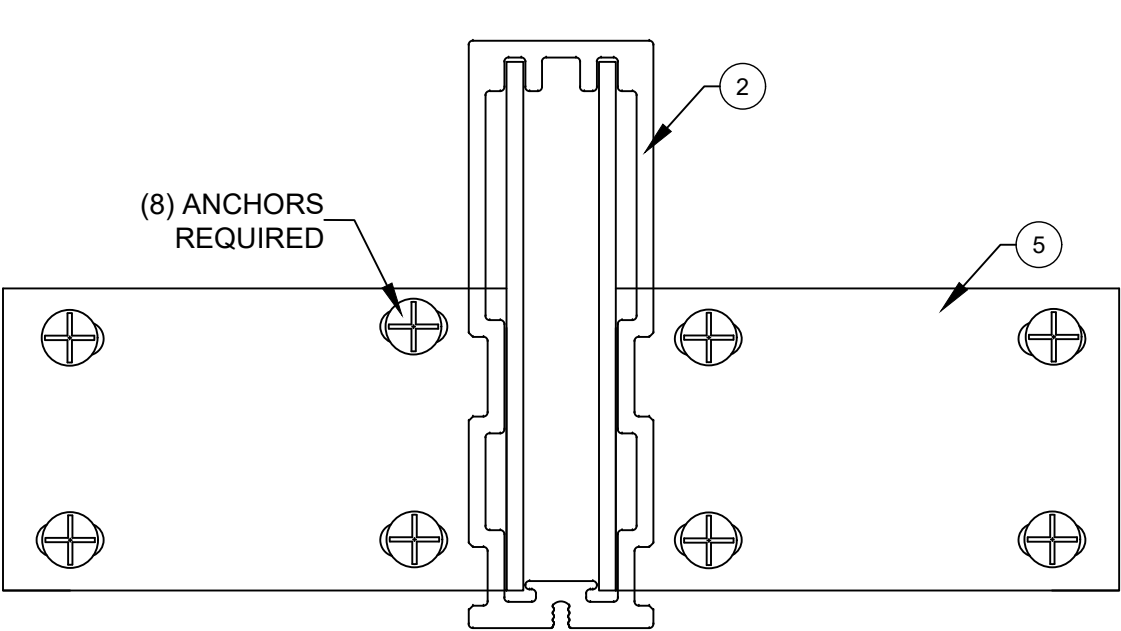


2 6580 MULLION
(6063-T6 ALUMINUM)

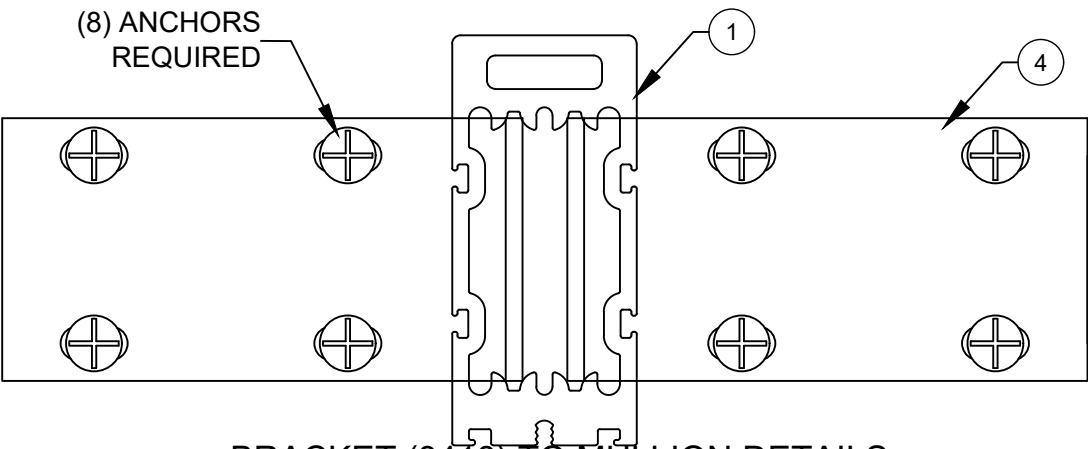
DP TABLES FOR POINT LOAD-- 8 ANCHORS IN WOOD
USING BRACKET 3418 AND #10 OR #12 SMS ANCHORS

NewSouth Mull: 6225		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	71	71
	69 in	80	80	80	80	80	72	62	62
	72 in	80	80	80	80	71	64	55	55

NewSouth Mull: 6580		Mullion Design Pressure (PSF)							
		Opening Width							
		48 in	62 in	74 in	86 in	98 in	110 in	122 in	127.375 in
Maximum Mull Span Point Loading	48 in	80	80	80	80	80	80	80	80
	54 in	80	80	80	80	80	80	80	80
	60 in	80	80	80	80	80	80	80	80
	63 in	80	80	80	80	80	80	80	80
	66 in	80	80	80	80	80	80	80	80
	69 in	80	80	80	80	80	80	80	80
	72 in	80	80	80	80	80	80	80	80



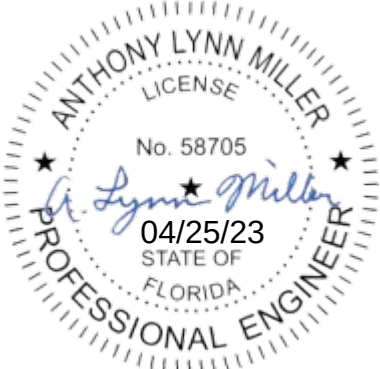
BRACKET (F-6150) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD ANCHOR INSTALLATION)



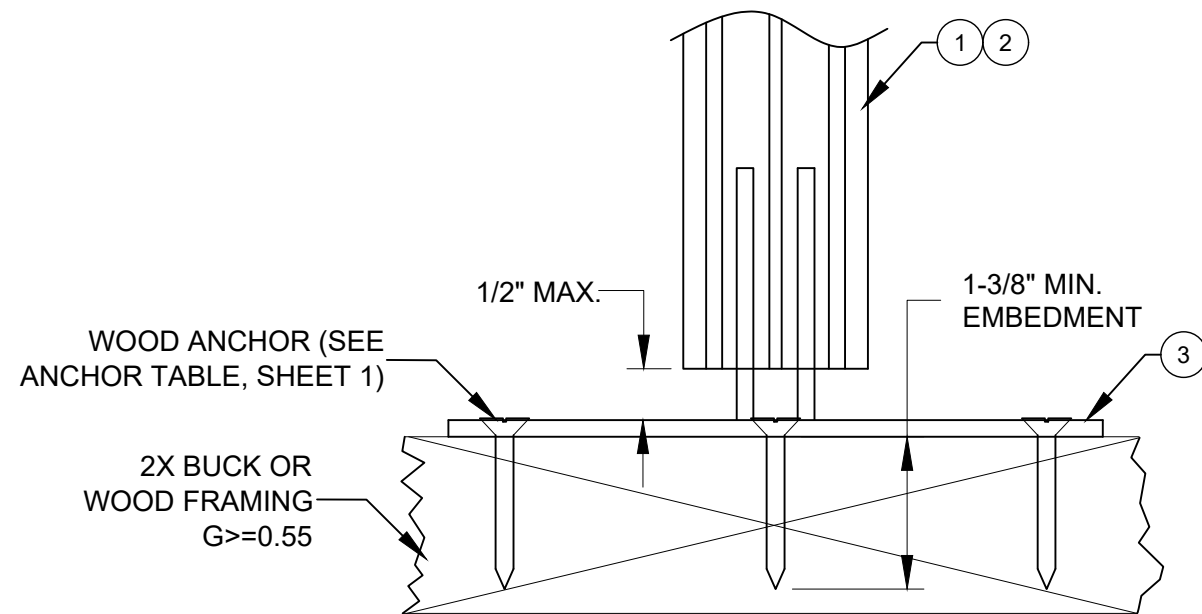
BRACKET (3418) TO MULLION DETAILS
(2 REQUIRED AT EACH END OF MULLION)
(WOOD ANCHOR INSTALLATION)

NOTES:
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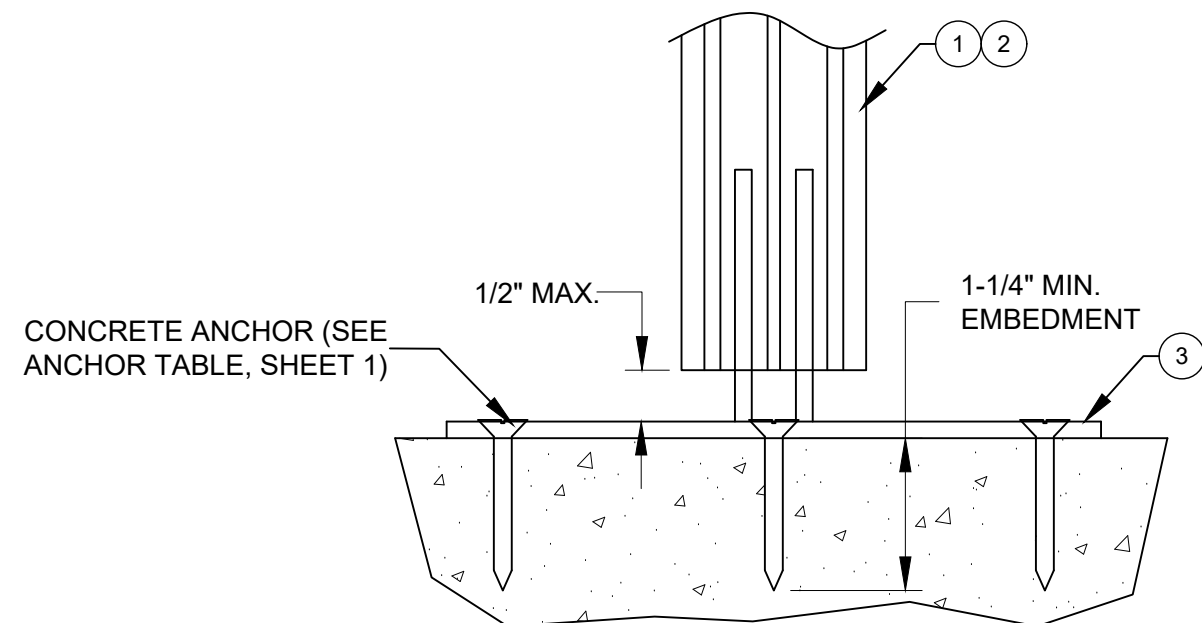
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Revision:			Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 15 OF 17	Drawing No. CGIMULLFPA-1		Rev:	



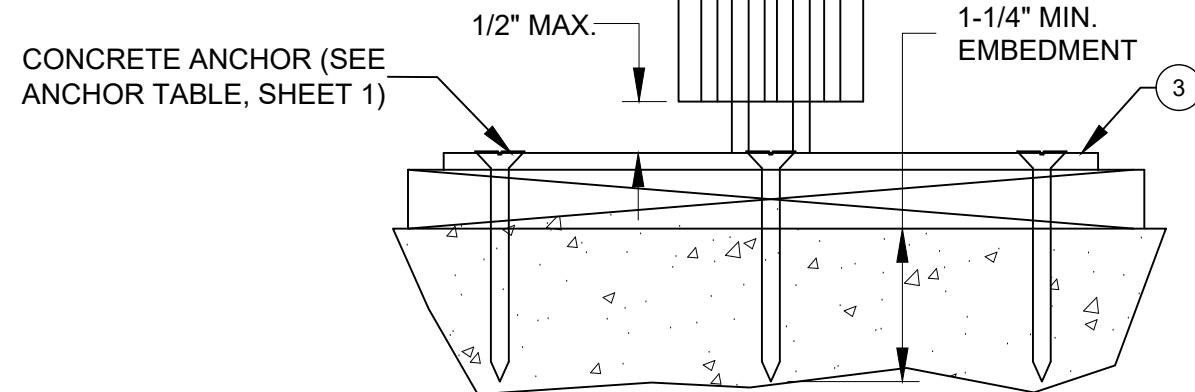
A. LYNN MILLER, P.E.
P.E.# 58705



1
16 **WOOD ANCHOR BRACKET DETAIL**
(ANCHOR TO 2X BUCK)



3
16 **CONCRETE ANCHOR BRACKET DETAIL**
(ANCHOR DIRECTLY TO MASONRY)

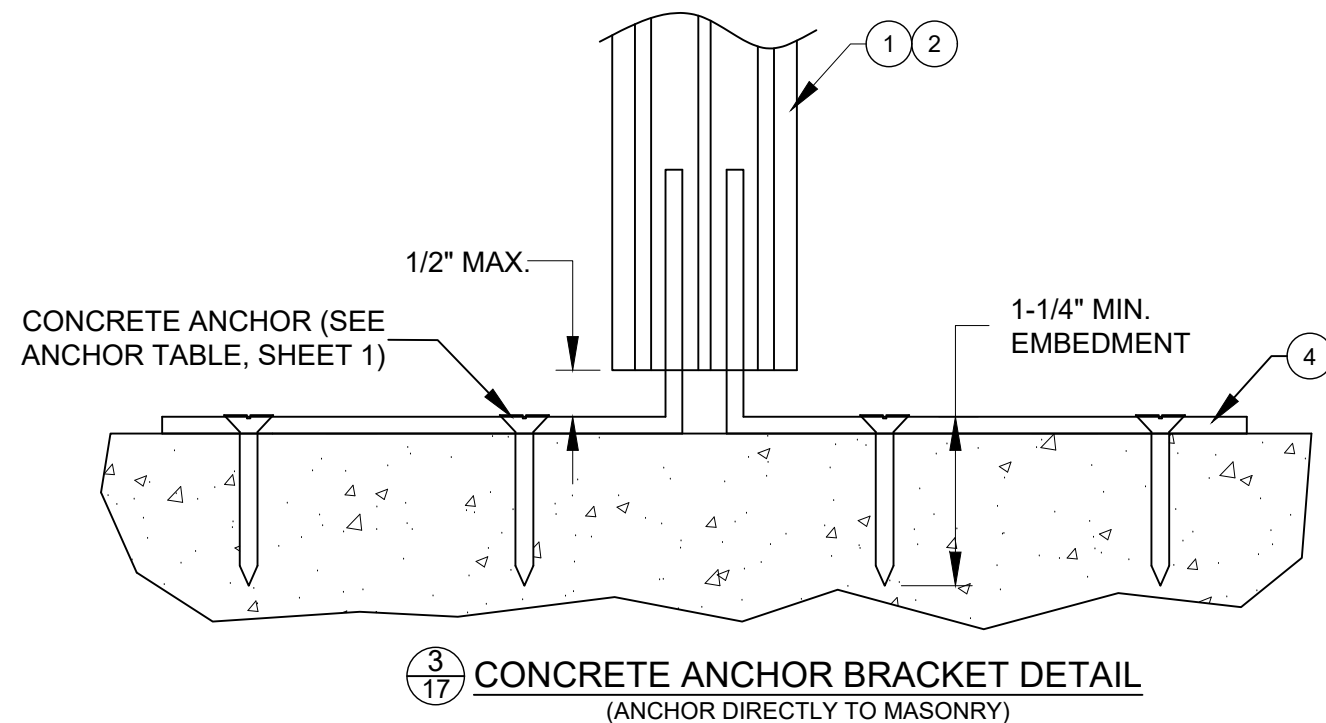
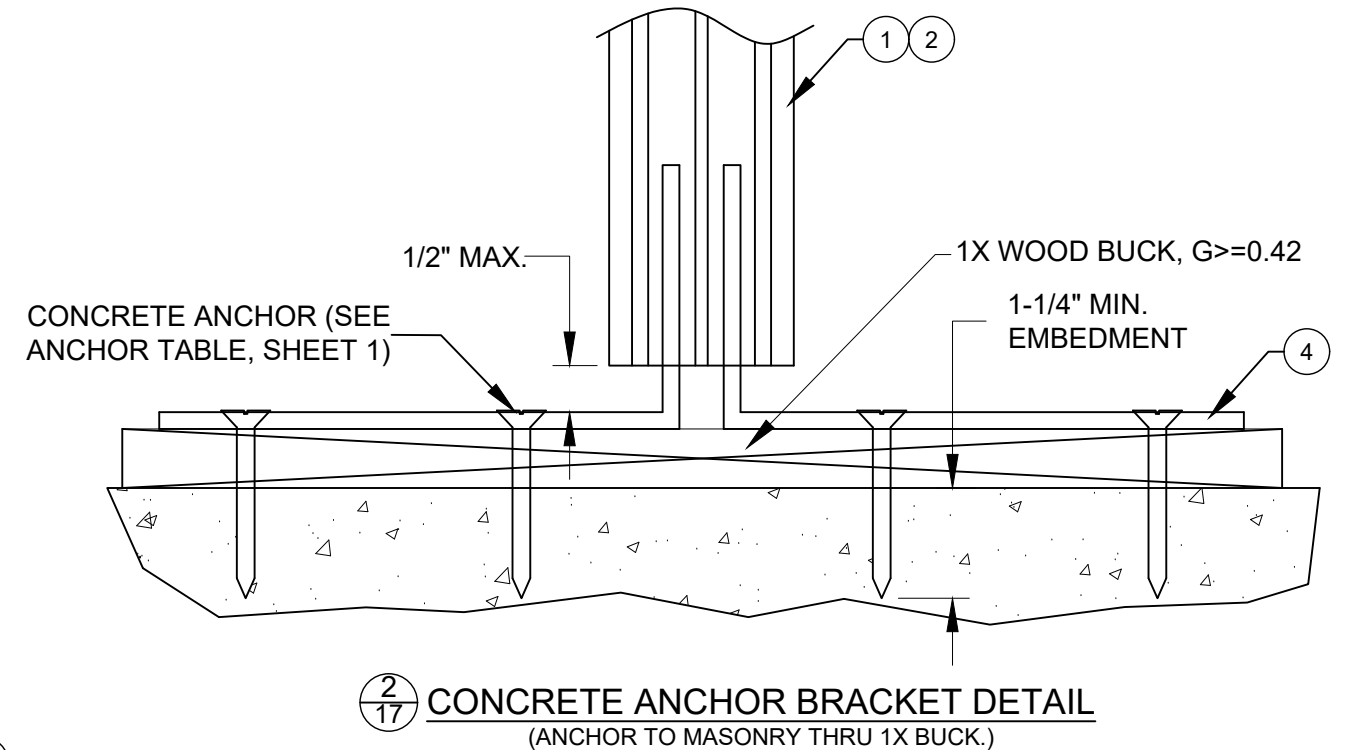
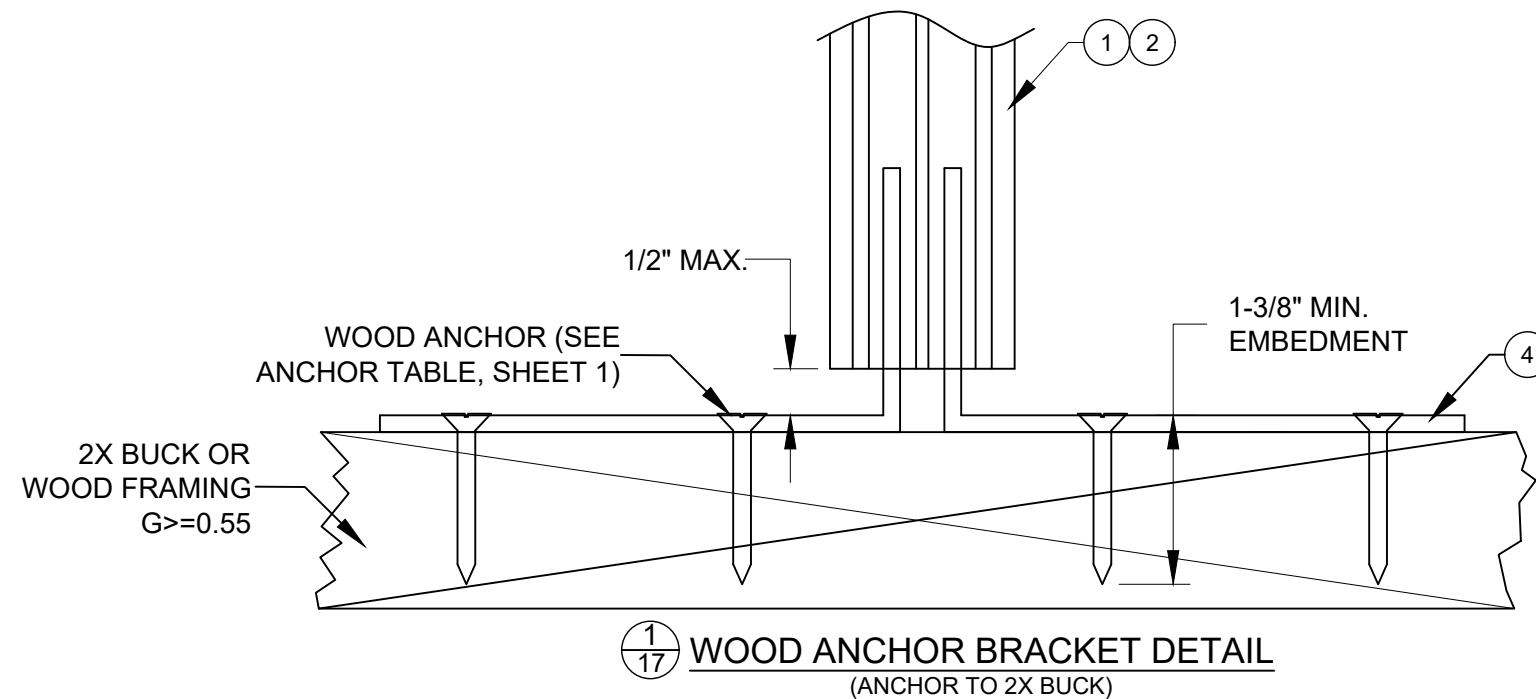


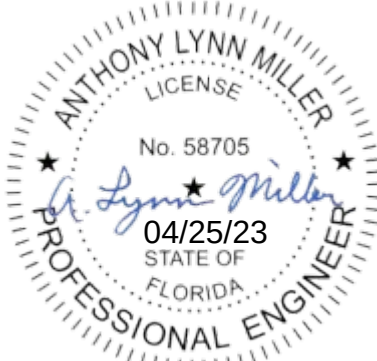
2
16 **CONCRETE ANCHOR BRACKET DETAIL**
(ANCHOR TO MASONRY THRU 1X BUCK.)

Title: ALUMINUM CLIPPED MULLION (LM)			Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Description: 3419 ANCHOR BRACKET DETAILS			Date: 04/24/23		
Revision:		Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 16 OF 17	Drawing No. CGIMULLFPA-1		
Rev:					

ANTHONY LYNN MILLER
LICENSE
No. 58705
04/25/23
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

A. LYNN MILLER, P.E.
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Title: ALUMINUM CLIPPED MULLION (LM)				Drawn By: S.B.		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2023 CGI WINDOWS. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296	 A. LYNN MILLER, P.E. P.E.# 58705
Description: 3418 ANCHOR BRACKET DETAILS					Date: 04/24/23		
Revision:				Rev. By:	Rev. Date:		
Series: MULLS	Scale: NTS	Sheet: 17 OF 17	Drawing No. CGIMULLFPA-1		Rev:		